840 Request for Quotation

Functional Group ID=RQ

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Request for Quotation Transaction Set (840) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide potential buyers with the ability to solicit price, delivery schedule, and other items from potential sellers of goods and services.

Notes:

1. This draft Implementation Convention (IC) is used to solicit quotations for large or small purchases, or to amend, cancel or reissue a solicitation. In this convention, the terms solicit and quote are used generically and encompass such other terms as Invitation for Bid (IFB) and Bid; Request for Proposal (RFP) and Proposal, Broad Agency Announcement (BAA) and Request for Information (RFI). This convention can be used to transmit the solicitation information including conditions of sale, fill-in clauses, Contract Data Requirements Lists, Contract Security Classification Specification, hazardous material data and MIL-STD-2073 packaging requirements. It can also be used to solicit multiple prices based on various quantities, delivery to geographic zones (states or countries), or to request price breaks for various quantities.

2. This transaction set makes use of code lists contained in the Federal EDI Coding Manual which is available from the National Institute of Standards and technology (NIST) at URL http://snad.ncsl.nist.gov/fededi/

3. Within this implementation convention, the phrase "use in conjunction with" indicates a requirement to transmit specified codes, data elements, or segments, when the code, data element, or segment associated with the phrase is present. If this requirement is multi-directional, the phrase will appear in all applicable locations. This phrase is not used when the X12 syntax mandates this requirement.

Heading:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
7	010	ST	Transaction Set Header	M	1		
8	020	BQT	Beginning Segment for Request for Quotation	M	1		
14	040	CUR	Currency	O	1		
Not Used	050	REF	Reference Identification	O	>1		
Not Used	060	PER	Administrative Communications Contact	O	3		
Not Used	070	TAX	Tax Reference	O	3		
17	080	FOB	F.O.B. Related Instructions	O	>1		
Not Used	090	CTP	Pricing Information	O	>1		
Not Used	095	PAM	Period Amount	O	10		

19	110	CSH	Sales Requirements	O	25	
22	120	SAC	Service, Promotion, Allowance, or Charge Information	O	25	
27	130	ITD	Terms of Sale/Deferred Terms of Sale	O	5	
Not Used	140	DIS	Discount Detail	O	20	
29	150	DTM	Date/Time Reference	O	10	
31	160	LDT	Lead Time	O	12	
Not Used	180	LIN	Item Identification	O	5	n1
34	190	PID	Product/Item Description	O	200	
36	200	MEA	Measurements	O	40	
40	210	PWK	Paperwork	O	25	
Not Used	220	PKG	Marking, Packaging, Loading	O	200	
Not Used	230	TD1	Carrier Details (Quantity and Weight)	O	2	
Not Used	240	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12	
Not Used	250	TD3	Carrier Details (Equipment)	O	12	
Not Used	260	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5	
Not Used	270	MAN	Marks and Numbers	O	10	
46	280	RRA	Required Response	O	100	
47	285	CTB	Restrictions/Conditions	O	>1	
LOOP ID - N9					1000	
50	290	N9	Reference Identification	O	1	
59	295	DTM	Date/Time Reference	O	>1	
61	300	MSG	Message Text	O	1000	
LOOP ID - N1					10000	
63	310	N1	Name	O	1	
67	320	N2	Additional Name Information	O	2	
68	330	N3	Address Information	O	2	
69	340	N4	Geographic Location	O	>1	
Not Used	350	REF	Reference Identification	O	12	
71	360	PER	Administrative Communications Contact	O	>1	
Not Used	365	SI	Service Characteristic Identification	O	>1	
Not Used	370	FOB	F.O.B. Related Instructions	O	1	
Not Used	380	TD1	Carrier Details (Quantity and Weight)	O	2	
Not Used	390	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12	
Not Used	400	TD3	Carrier Details (Equipment)	O	12	
Not Used	410	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5	
Not Used	420	PKG	Marking, Packaging, Loading	O	200	
Not Used	430	RRA	Required Response	O	25	
LOOP ID - SPI					1	
74	440	SPI	Specification Identifier	O	1	
77	450	REF	Reference Identification	O	5	
79	460	DTM	Date/Time Reference	O	5	
81	470	MSG	Message Text	O	50	
LOOP ID - N1					20	

82	490	N1	Name	O	1	
85	500	N2	Additional Name Information	O	2	
86	510	N3	Address Information	O	2	
87	520	N4	Geographic Location	O	1	
Not Used	530	REF	Reference Identification	O	20	
88	540	G61	Contact	O	1	
90	550	MSG	Message Text	O	50	
			LOOP ID - CB1			>1
91	560	CB1	Contract and Cost Accounting Standards Data	O	1	
95	570	REF	Reference Identification	O	20	
97	580	DTM	Date/Time Reference	O	5	
98	590	LDT	Lead Time	O	1	
99	600	MSG	Message Text	O	50	
			LOOP ID - PCT			>1
100	610	PCT	Percent Amounts	O	1	
Not Used	620	AMT	Monetary Amount	O	>1	
			LOOP ID - ADV			>1
Not Used	630	ADV	Advertising Demographic Information	O	1	
Not Used	640	DTM	Date/Time Reference	O	>1	
Not Used	650	MTX	Text	O	>1	

Detail:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - PO1			100000	
101	010	PO1	Baseline Item Data	M	1		
108	015	LIN	Item Identification	O	>1		
Not Used	017	G53	Maintenance Type	O	1		
Not Used	020	CUR	Currency	O	1		
112	025	CN1	Contract Information	O	1		
114	030	PO3	Additional Item Detail	O	25		
116	040	CTP	Pricing Information	O	>1		
Not Used	045	PAM	Period Amount	O	10		
121	047	CTB	Restrictions/Conditions	O	>1		
123	049	MEA	Measurements	O	40		
			LOOP ID - PID			1000	
126	050	PID	Product/Item Description	O	1		
Not Used	060	MEA	Measurements	O	10		
128	070	PWK	Paperwork	O	25		
134	080	PKG	Marking, Packaging, Loading	O	200		
137	090	PO4	Item Physical Details	O	>1		
Not Used	100	REF	Reference Identification	O	>1		
141	110	PER	Administrative Communications Contact	O	3		
143	130	SAC	Service, Promotion, Allowance, or Charge Information	O	25		

Not Used	140	IT8	Conditions of Sale	O	25		
148	142	CSH	Sales Requirements	O	>1		
Not Used	150	ITD	Terms of Sale/Deferred Terms of Sale	O	2		
Not Used	160	DIS	Discount Detail	O	20		
Not Used	170	TAX	Tax Reference	O	3		
151	180	FOB	F.O.B. Related Instructions	O	>1		
Not Used	190	SDQ	Destination Quantity	O	50		
153	200	DTM	Date/Time Reference	O	10		
Not Used	230	FST	Forecast Schedule	O	>1		
Not Used	240	TD1	Carrier Details (Quantity and Weight)	O	1		
156	250	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12		
Not Used	260	TD3	Carrier Details (Equipment)	O	12		
158	270	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5		
160	280	MAN	Marks and Numbers	O	10		
162	290	RRA	Required Response	O	25		
163	292	MSG	Message Text	O	1000		
164	293	SPI	Specification Identifier	O	>1		
			LOOP ID - QTY			>1	
Not Used	294	QTY	Quantity	O	1		
Not Used	295	SI	Service Characteristic Identification	O	>1		
			LOOP ID - SCH			104	
Not Used	296	SCH	Line Item Schedule	O	1		n2
Not Used	297	TD1	Carrier Details (Quantity and Weight)	O	2		
Not Used	298	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12		
Not Used	299	TD3	Carrier Details (Equipment)	O	12		
Not Used	300	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5		
Not Used	301	REF	Reference Identification	O	>1		
			LOOP ID - LDT			>1	
166	302	LDT	Lead Time	O	1		
Not Used	303	QTY	Quantity	O	>1		
168	304	MSG	Message Text	O	1		
			LOOP ID - LM			1	
169	305	LM	Code Source Information	O	1		
170	306	LQ	Industry Code	M	1		
			LOOP ID - SLN			1000	
Not Used	308	SLN	Subline Item Detail	O	1		
Not Used	309	MSG	Message Text	O	>1		
Not Used	310	PID	Product/Item Description	O	1000		
Not Used	315	ADV	Advertising Demographic Information	O	>1		
			LOOP ID - QTY			>1	
Not Used	316	QTY	Quantity	O	1		
Not Used	317	SI	Service Characteristic Identification	O	>1		
			LOOP ID - N9			1000	

171	320	N9	Reference Identification	O	1
181	325	DTM	Date/Time Reference	O	>1
183	330	MSG	Message Text	O	1000

LOOP ID - N1					>1
185	340	N1	Name	O	1
189	350	N2	Additional Name Information	O	2
190	360	N3	Address Information	O	2
191	370	N4	Geographic Location	O	1
192	375	QTY	Quantity	O	>1
Not Used	380	REF	Reference Identification	O	12
194	390	PER	Administrative Communications Contact	O	3
Not Used	395	SI	Service Characteristic Identification	O	>1
Not Used	396	DTM	Date/Time Reference	O	1
Not Used	400	FOB	F.O.B. Related Instructions	O	1
197	405	SCH	Line Item Schedule	O	200
Not Used	410	TD1	Carrier Details (Quantity and Weight)	O	2
Not Used	420	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12
Not Used	430	TD3	Carrier Details (Equipment)	O	12
Not Used	440	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5
Not Used	450	PKG	Marking, Packaging, Loading	O	200
Not Used	460	RRA	Required Response	O	25
Not Used	465	CTP	Pricing Information	O	1
Not Used	469	PAM	Period Amount	O	10

LOOP ID - LDT					>1
199	470	LDT	Lead Time	O	1
Not Used	480	MAN	Marks and Numbers	O	10
200	490	QTY	Quantity	O	5
Not Used	500	MSG	Message Text	O	1000

LOOP ID - PCT					>1
202	510	PCT	Percent Amounts	O	1
Not Used	520	AMT	Monetary Amount	O	>1

Summary:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
204	010	CTT	Transaction Totals	O	1		n3
205	020	SE	Transaction Set Trailer	M	1		

Transaction Set Notes

1. If segment LIN is used, do not use LIN01.

2. The SCH segment is used to specify various quantities of items ordered that are to be scheduled. When this segment is used, the unit of measurement code (SCH02) should always be identical to the unit of measurement code in the associated PO1 segment (PO103) and the sum of values of quantity (SCH01) should always equal the quantity ordered (PO102) in the PO1 segment.

3. The number of line items (CTT01) is the accumulation of the number of PO1 segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (PO102) for each PO1 segment.

Segment:	**ST** **Transaction Set Header**	
Position:	010	
Loop:		
Level:	Heading	
Usage:	Mandatory	
Max Use:	1	
Purpose:	To indicate the start of a transaction set and to assign a control number	
Syntax Notes:		
Semantic Notes:	1	The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
Comments:		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	ST01	143	**Transaction Set Identifier Code**	M ID 3/3
			Code uniquely identifying a Transaction Set	
			840　　　　　Request for Quotation	
Must Use	ST02	329	**Transaction Set Control Number**	M AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	
			This unique control number is assigned by the originator of the transaction set or by the originator's application program. This same number is carried in SE02.	

		BQT Beginning Segment for Request for Quotation
Segment:		
Position:	020	
Loop:		
Level:	Heading	
Usage:	Mandatory	
Max Use:	1	
Purpose:	To indicate the beginning of a Request for Quotation Transaction Set and transmit identifying numbers and dates	
Syntax Notes:	**1**	If either BQT04 or BQT05 is present, then the other is required.
Semantic Notes:	**1**	BQT03 is the date to be used for reference purposes in an RFQ and a response to RFQ.
Comments:		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	BQT01	353	**Transaction Set Purpose Code**	**M ID 2/2**

Code identifying purpose of transaction set

Use to identify the purpose of the transaction set.

00	Original	

Use to indicate an original solicitation.

01	Cancellation	

Use to indicate the cancellation of a previously transmitted solicitation. Do not use when the solicitation is to be reissued. In this case use code 17.

05	Replace	

1. Use to indicate an amended solicitation, i.e., a solicitation that contains the current amendment and all previous transmitted amendments to the solicitation. This is a conformed solicitation.

2. Use in conjunction with BQT04 code 171 to identify the date of the conformed solicitation.

07	Duplicate	

Use to indicate the re-transmission of a previously transmitted solicitation.

14	Advance Notification	

Use to indicate a pre-solicitation announcement , e.g., a Commerce Business Daily (CBD) synopsis.

17	Cancel, to be Reissued	

Use to indicate a cancellation of a previously transmitted solicitation only when the solicitation

*is to be reissued. Otherwise, use code 01 to cancel a
previously transmitted solicitation.*

18	Reissue	

*Use to indicate the reissue of a previously canceled
solicitation. Use only when code 17 was previously
used to cancel a solicitation. When used, if the
reissued solicitation has a new number, cite the
original solicitation in the 1/N9/290 segment using
code KS in N901.*

24	Draft	

*Use to indicate the transmission of complete or
partial data regarding a draft solicitation. This
code will be used when requesting comments on a
draft solicitation from potential offerors.*

Must Use	BQT02	586	**Request for Quote Reference Number**	**M**	**AN 1/45**

Number assigned by the purchaser to identify his request for quote

*Use to identify the unique number assigned to the solicitation,
regardless of the type of solicitation.*

Must Use	BQT03	373	**Date**	**M**	**DT 8/8**

Date expressed as CCYYMMDD

*1. When BQT01 is code 00, 01, 05, 07, or 17, use to identify the
original solicitation date.*

*2. When BQT01 is code 18, use to identify the date of the reissued
solicitation.*

*3. When BQT01 is code 14, use to identify the date of an advance
notification.*

*4. When BQT01 is code 24, use to identify the date of a draft
solicitation.*

	BQT04	374	**Date/Time Qualifier**	**X**	**ID 3/3**

Code specifying type of date or time, or both date and time

When BQT01 is code 05, this data element is REQUIRED.

171	Revision	

*Use, in conjunction with BQT01 code 05, to
indicate the date of an amended (conformed)
solicitation.*

	BQT05	373	**Date**	**X**	**DT 8/8**

Date expressed as CCYYMMDD

	BQT06	92	**Purchase Order Type Code**	**O**	**ID 2/2**

Code specifying the type of Purchase Order

*Use to identify the type of award instrument that is expected to be issued
as a result of this solicitation.*

KA	Agreement	

Use to indicate cooperative agreements and other agreements.

KB	Blanket Purchase Agreement

A charge account established with qualified sources of supply to satisfy repetitive requirements

KC	Contract

A legally binding document wherein one party agrees to provide supplies or services and another party agrees to provide compensation for the supplies or services

KD	Basic Agreement

A written instrument of understanding that contemplates separate future contracts

KE	Basic Ordering Agreement

A document which contains terms and conditions, a description of supplies or services to be provided and methods of pricing, issuing, and delivering orders under this agreement

KG	Grant
KI	Indefinite Delivery Indefinite Quantity

A contract that provides for a minimum quantity and an indefinite maximum quantity within stated limits

KN	Purchase Order

Procurement instrument within the small purchasing threshold

KP	Authority to Proceed

An authorization that permits the selling party to incur costs for the eventual delivery of supplies or services prior to the formal execution of a contract

Use to indicate that the intended type of assistance award will be a loan.

KQ	Indefinite Delivery Definite Quantity

A contract that provides for delivery of a specified quantity over a fixed period of time to unspecified locations

KR	Requirements

A contract to provide all specified requirements of designated organizations for a fixed period of time

KS	Letter Contract
KT	Task Order
LS	Lease

Use to indicate a lease agreement as the type of intended award instrument. When equipment

rental is to be awarded pursuant to another type of instrument (purchase order, delivery order, contract, etc.), use the appropriate listed code in this data element and use code ER in BQT10.

	RL	Release or Delivery Order

An order for goods and services placed against a pre-existing contract or blanket order

Use to indicate releases, calls, or delivery orders against existing award instruments, e.g., if soliciting quotes for a Federal Supply Schedule item.

	ZZ	Mutually Defined

Use to indicate that the intended type of assistance award will be provided through Formula Funds.

Must Use	BQT07	960	**Request for Quote Type Code**	O	ID 2/2

Code specifying the type of request for quote

Use to indicate the type of solicitation.

	01	Request For Quote
	03	Invitation for Bid
	04	Request for Proposal
	06	Amendment to Solicitation
	07	Request for Technical Proposal
	08	Request for Price Proposal
	09	Request for Information
	11	Broad Announcement

Use to indicate a Broad Agency Announcement.

	BF	Best and Final

	BQT08	1166	**Contract Type Code**	O	ID 2/2

Code identifying a contract type

Use to identify the type of pricing arrangement for the award instrument that is expected to result from this solicitation. If there are line items that may have a different pricing arrangement, that pricing arrangement should be specified in the 2/CN1/025 segment within the PO1 loop that is applicable to the line item. In that situation, in this data element, identify the predominant pricing arrangement based on dollar value. Both BQT08 and the 2/CN1/025 segment can be included in the transaction set if needed.

	CA	Cost Plus Incentive Fee (With Performance Incentives)
	CH	Cost Sharing
	CS	Cost
	CW	Cost Plus Award Fee
	CX	Cost Plus Fixed Fee

CY	Cost Plus Incentive Fee	
FB	Fixed Price Incentive Firm Target (With Performance Incentive)	
FC	Fixed Price Incentive Firm Target (Without Performance Incentive)	
FD	Fixed Price Redetermination	

Use to indicate a prospective fixed price redetermination award instrument.

FF	Fixed Price Incentive Successive Target (With Performance Incentive)	
FG	Fixed Price Incentive Successive Target (Without Performance Incentive)	
FH	Fixed Price Award Fee	
FJ	Fixed Price Level of Effort	
FK	No Cost	
FM	Retroactive Fixed Price Redetermination	
FR	Firm Fixed Price	
FX	Fixed Price with Economic Price Adjustment	
LH	Labor Hours	
TM	Time and Materials	

BQT09　　**786**　　**Security Level Code**　　　　　　　　　　　　　**O　ID 2/2**

Code indicating the level of confidentiality assigned by the sender to the information following

Use to identify the highest level of government security classification applicable to the solicitation.

92	Government Confidential
93	Government Secret
94	Government Top Secret

BQT10　　**1232**　　**Purchase Category**　　　　　　　　　　　　　**O　ID 2/2**

Code identifying the broad category of products or services being acquired

Use to identify the category applicable to the solicitation.

AE	Architect and Engineering
CN	Construction
DR	Demolish, Dismantle or Replace
ER	Equipment Rental
IR	Inspect and Repair as Necessary
MD	Modification
OV	Overhaul
RD	Research and Development

Includes traineeships and fellowships.

RE	Repair
SB	Shipbuilding

SP	Supplies		
SU	Subsistence		
SV	Services		
TE	Test and Evaluation		
UT	Utilities		

BQT11   327   Change Order Sequence Number   O   AN 1/8

Number assigned by the orderer identifying a specific change or revision to a previously transmitted transaction set

When BQT01 is code 05, use of this data element is REQUIRED to identify the solicitation amendment number.

Segment:	**CUR** Currency
Position:	040
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To specify the currency (dollars, pounds, francs, etc.) used in a transaction
Syntax Notes:	1 If CUR08 is present, then CUR07 is required.
	2 If CUR09 is present, then CUR07 is required.
	3 If CUR10 is present, then at least one of CUR11 or CUR12 is required.
	4 If CUR11 is present, then CUR10 is required.
	5 If CUR12 is present, then CUR10 is required.
	6 If CUR13 is present, then at least one of CUR14 or CUR15 is required.
	7 If CUR14 is present, then CUR13 is required.
	8 If CUR15 is present, then CUR13 is required.
	9 If CUR16 is present, then at least one of CUR17 or CUR18 is required.
	10 If CUR17 is present, then CUR16 is required.
	11 If CUR18 is present, then CUR16 is required.
	12 If CUR19 is present, then at least one of CUR20 or CUR21 is required.
	13 If CUR20 is present, then CUR19 is required.
	14 If CUR21 is present, then CUR19 is required.
Semantic Notes:	
Comments:	1 See Figures Appendix for examples detailing the use of the CUR segment.
Notes:	*1. Use to indicate that quotes may be submitted in a currency other than US dollars. Do not use when quotes are to be submitted only in US dollars. When used, one currency, other than US dollars must be cited in CUR02. CUR05 may be used to cite a second acceptable currency.*
	2. If quotes may be submitted in any currency, use the 1/N9/290 loop with code KD in N901; code DUN or DX in N907-1; and use the 1/MSG/300 segment to provide that instruction.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	CUR01	98	**Entity Identifier Code**	M ID 2/3

Code identifying an organizational entity, a physical location, property or an individual

C5   Party Submitting Quote

A business entity submitting a quote; this entity may be the party who ultimately performs if an order is received, or the entity may be submitting the quote on behalf of another entity who will perform if an order is received

Use to indicate that a quoting party may quote in a currency cited in CUR02 or CUR05.

Must Use	CUR02	100	**Currency Code**	M	ID 3/3

Code (Standard ISO) for country in whose currency the charges are specified

Use any code other than the code for US dollars.

Not Used	CUR03	280	**Exchange Rate**	O	R 4/10

Value to be used as a multiplier conversion factor to convert monetary value from one currency to another

Not Used	CUR04	98	**Entity Identifier Code**	O	ID 2/3

Code identifying an organizational entity, a physical location, property or an individual

	CUR05	100	**Currency Code**	O	ID 3/3

Code (Standard ISO) for country in whose currency the charges are specified

Use any code other than the code for US dollars.

Not Used	CUR06	669	**Currency Market/Exchange Code**	O	ID 3/3

Code identifying the market upon which the currency exchange rate is based

Not Used	CUR07	374	**Date/Time Qualifier**	X	ID 3/3

Code specifying type of date or time, or both date and time

Not Used	CUR08	373	**Date**	O	DT 8/8

Date expressed as CCYYMMDD

Not Used	CUR09	337	**Time**	O	TM 4/8

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

Not Used	CUR10	374	**Date/Time Qualifier**	X	ID 3/3

Code specifying type of date or time, or both date and time

Not Used	CUR11	373	**Date**	X	DT 8/8

Date expressed as CCYYMMDD

Not Used	CUR12	337	**Time**	X	TM 4/8

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

Not Used	CUR13	374	**Date/Time Qualifier**	X	ID 3/3

Code specifying type of date or time, or both date and time

Not Used	CUR14	373	**Date**	X	DT 8/8

Date expressed as CCYYMMDD

Not Used	CUR15	337	**Time**	X	TM 4/8

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS,

or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

Not Used	CUR16	374	**Date/Time Qualifier**	X	**ID 3/3**

Code specifying type of date or time, or both date and time

Not Used	CUR17	373	**Date**	X	**DT 8/8**

Date expressed as CCYYMMDD

Not Used	CUR18	337	**Time**	X	**TM 4/8**

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

Not Used	CUR19	374	**Date/Time Qualifier**	X	**ID 3/3**

Code specifying type of date or time, or both date and time

Not Used	CUR20	373	**Date**	X	**DT 8/8**

Date expressed as CCYYMMDD

Not Used	CUR21	337	**Time**	X	**TM 4/8**

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

Segment:	**FOB** F.O.B. Related Instructions
Position:	080
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	>1
Purpose:	To specify transportation instructions relating to shipment

Syntax Notes:
   1   If FOB03 is present, then FOB02 is required.
   2   If FOB04 is present, then FOB05 is required.
   3   If FOB07 is present, then FOB06 is required.
   4   If FOB08 is present, then FOB09 is required.

Semantic Notes:
   1   FOB01 indicates which party will pay the carrier.
   2   FOB02 is the code specifying transportation responsibility location.
   3   FOB06 is the code specifying the title passage location.
   4   FOB08 is the code specifying the point at which the risk of loss transfers. This may be different than the location specified in FOB02/FOB03 and FOB06/FOB07.

Comments:

Notes:

1. Use this segment to identify the FOB point for a Blanket Purchase Agreement, Basic Ordering Agreement, Indefinite Delivery type instrument, or other award instruments against which delivery orders will be placed when such instruments will not specify the FOB point by line item. For all other types of award instruments, use the 2/FOB/180 segment and identify the FOB point by line item.

2. If the FOB point varies by delivery zone or destinations within a delivery zone, use the 1/N1/310 loop citing code DZ in N101, identify the delivery zone in N103/104 citing code ZN in N103 and identify the FOB point in N405/406.

3. This segment is not used when the solicitation is for construction or a service without deliverables.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	FOB01	146	**Shipment Method of Payment**	M ID 2/2

        Code identifying payment terms for transportation charges

        DF   Defined by Buyer and Seller

        Use this code only to satisfy the mandatory nature of this data element. The receiving application should not process this data. FOB terms are defined in the incorporated FOB FAR clause.

	Ref. Des.	Data Element	Name	Attributes
Must Use	FOB02	309	**Location Qualifier**	X ID 1/2

        Code identifying type of location

        Use to identify the FOB point.

	DE	Destination (Shipping)
	OA	Origin (After Loading on Equipment)

Use to indicate FOB Origin with transportation charges prepaid by the seller and added as a separate item to the invoice. See FAR clause 52.247-32.

	OR	Origin (Shipping Point)
	TM	Terminal

Use in conjunction with FOB03 to indicate that the FOB point for delivery outside the continental United States is located at a transportation terminal and not at origin or destination. FAR clauses 52.247-38, 52.247-39, or a similar FAR clause may apply.

	W	Worldwide Geographic Location Code

Use to indicate the FOB point for deliveries within the continental United States is destination and the FOB point for deliveries outside the continental United States is origin.

	FOB03	**352**	**Description**	**O**	**AN 1/80**

A free-form description to clarify the related data elements and their content

Use in conjunction with FOB02 code TM to identify the location of the FOB point. Cite the 5 position United Nations code for ports and other locations (UN/LOCODE) in accordance with the United Nations Location Code Manual.

Not Used	**FOB04**	**334**	**Transportation Terms Qualifier Code**	**O**	**ID 2/2**

Code identifying the source of the transportation terms

Not Used	**FOB05**	**335**	**Transportation Terms Code**	**X**	**ID 3/3**

Code identifying the trade terms which apply to the shipment transportation responsibility

Not Used	**FOB06**	**309**	**Location Qualifier**	**X**	**ID 1/2**

Code identifying type of location

Not Used	**FOB07**	**352**	**Description**	**O**	**AN 1/80**

A free-form description to clarify the related data elements and their content

Not Used	**FOB08**	**54**	**Risk of Loss Code**	**O**	**ID 2/2**

Code specifying where responsibility for risk of loss passes

Not Used	**FOB09**	**352**	**Description**	**X**	**AN 1/80**

A free-form description to clarify the related data elements and their content

Segment:	**CSH** Sales Requirements	
Position:	110	
Loop:		
Level:	Heading	
Usage:	Optional	
Max Use:	25	
Purpose:	To specify general conditions or requirements of the sale	
Syntax Notes:	1	If CSH02 is present, then CSH03 is required.
	2	If either CSH06 or CSH07 is present, then the other is required.
	3	If either CSH09 or CSH10 is present, then the other is required.
Semantic Notes:	1	CSH03 is the maximum monetary amount value which the order must not exceed.
	2	CSH04 is the account number to which the purchase amount is charged.
	3	CSH05 is the date specified by the sender to be shown on the invoice.
	4	CSH06 identifies the source of the code value in CSH07.
Comments:		
Notes:	*1. Use this segment to identify conditions of sale that apply to all of the line items. If there are conditions of sale that apply to a specific line item, use the 2/CSH/142 segment.*	
	2. Codes used in CSH01 at this location, may not be used in the 2/CSH/142 segment.	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	CSH01	563	**Sales Requirement Code**	O ID 1/2

Code to identify a specific requirement or agreement of sale

8A	Section (8a) Set-Aside
	A procurement reserved for disadvantaged business firms the provisions of Section 8(a) of the Small Business Act (15 U.S.C. 637 (a))
AI	Set-aside for American Indian-owned Business
BC	Restricted to Historically Black College or University or Minority Institution
D	Bid Guarantee
	Use in conjunction with CSHO3 or in conjunction with CSH09 and CSH10 code BG.
EI	Restricted to Educational Institutions
GS	Guaranteed Sale
	Use in conjunction with CSH03 or in conjunction with CSH09 and CSH10 code 18, to indicate a performance bond will be required if an award is received.
IP	Restricted to Industrial Preparedness Program

		Participants
K	Small Purchase Set Aside for Small Businesses

 A procurement action that has been reserved for (set aside for) businesses classified as "small business"

MY	Multi-year Award
P	Large Purchase, Set-Aside for Small Business
Q	Small, Disadvantaged Business Set-Aside
QB	On Qualified Bidders List

Use in conjunction with the 1/N9/290 segment, N901 code LX.

QM	On Qualified Manufacturers List

Use in conjunction with the 1/N9/290 segment, N901 code LX.

QP	Restricted to Qualified Products List (QPL) Products

Use in conjunction with the 1/N9/290 segment, N901 code LX.

T	Small Business with Small, Disadvantaged Business Consideration Set-Aside
UC	Restricted to U.S. and Canadian Sources
UL	Other Unlisted Sales Condition

Use in conjunction with the 1/N9/290 segment, N901 code KD and the 1/MSG/300 segment to indicate another sales condition is required. Identify the other sales condition in the 1/MSG/310 segment.

UP	Unrestricted Procurement
WY	Warranty

Use to indicate a warranty is required.

YI	Restricted to Young Investigator Program
Z	Mutually Defined

Use in conjunction with CSH03 or in conjunction with CSH09 and CSH10 code 18, to indicate a payment bond will be required if an award is received.

Not Used	CSH02	306	**Action Code**	**O**	**ID 1/2**

Code indicating type of action

	CSH03	610	**Amount**	**X**	**N2 1/15**

Monetary amount

1. When CSH01 is code D use to identify the dollar amount of a bid guarantee.

2. When CSH01 is code GS, use to identify the dollar amount of a performance bond.

> *3. When CSH01 is code Z, use to identify the dollar amount of a payment bond.*

| Not Used | CSH04 | 508 | **Account Number** | | O | **AN 1/35** |

Account number assigned

| Not Used | CSH05 | 373 | **Date** | | O | **DT 8/8** |

Date expressed as CCYYMMDD

| Not Used | CSH06 | 559 | **Agency Qualifier Code** | | X | **ID 2/2** |

Code identifying the agency assigning the code values

| Not Used | CSH07 | 560 | **Special Services Code** | | X | **ID 2/10** |

Code identifying the special service

| Not Used | CSH08 | 566 | **Product/Service Substitution Code** | | O | **ID 1/2** |

Code indicating product or service substitution conditions

| | CSH09 | 954 | **Percent** | | X | **R 1/10** |

Percentage expressed as a decimal

> *Cite 4.25% as .0425; cite 3% as .03 (note: leading and trailing zeros are suppressed).*

| | CSH10 | 1004 | **Percent Qualifier** | | X | **ID 1/2** |

Code to qualify percent

18   Percent of Value

> *Use in conjunction with CSH01 code GS or Z to indicate the percentage of the award instrument value required for a performance or payment bond.*

BG   Bid Guarantee

> *Use in conjunction with CSH01 code D to indicate the percent of the quote amount required for a bid guarantee.*

SA   Set Aside

> *Use to indicate the percentage of a set-aside.*

Segment:	**SAC** Service, Promotion, Allowance, or Charge Information	
Position:	120	
Loop:		
Level:	Heading	
Usage:	Optional	
Max Use:	25	
Purpose:	To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge	
Syntax Notes:	**1**	At least one of SAC02 or SAC03 is required.
	2	If either SAC03 or SAC04 is present, then the other is required.
	3	If either SAC06 or SAC07 is present, then the other is required.
	4	If either SAC09 or SAC10 is present, then the other is required.
	5	If SAC11 is present, then SAC10 is required.
	6	If SAC13 is present, then at least one of SAC02 or SAC04 is required.
	7	If SAC14 is present, then SAC13 is required.
	8	If SAC16 is present, then SAC15 is required.
Semantic Notes:	**1**	If SAC01 is "A" or "C", then at least one of SAC05, SAC07, or SAC08 is required.
	2	SAC05 is the total amount for the service, promotion, allowance, or charge. If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence.
	3	SAC08 is the allowance or charge rate per unit.
	4	SAC10 and SAC11 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity. SAC10 and SAC11 used together indicate a quantity range, which could be a dollar amount, that is applicable to service, promotion, allowance, or charge.
	5	SAC13 is used in conjunction with SAC02 or SAC04 to provide a specific reference number as identified by the code used.
	6	SAC14 is used in conjunction with SAC13 to identify an option when there is more than one option of the promotion.
	7	SAC16 is used to identify the language being used in SAC15.
Comments:	**1**	SAC04 may be used to uniquely identify the service, promotion, allowance, or charge. In addition, it may be used in conjunction to further the code in SAC02.
	2	In some business applications, it is necessary to advise the trading partner of the actual dollar amount that a particular allowance, charge, or promotion was based on to reduce ambiguity. This amount is commonly referred to as "Dollar Basis Amount". It is represented in the SAC segment in SAC10 using the qualifier "DO" - Dollars in SAC09.
Notes:	*1. Use this segment to solicit services, discounts, or potential non-CLIN charges (e.g., taxes) and quantities applicable to all of the line items. If the services, discounts, or potential non-CLIN charges apply to a specific line item, use the 2/SAC/130 segment.*	
	2. Offerors will respond in the offer with amounts and, if applicable, quantities, that apply to the services or discounts identified in this segment.	
	3. Codes used in SAC02 at this location, may not be used in the 2/SAC/130 segment.	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	SAC01	248	**Allowance or Charge Indicator**	**M ID 1/1**

Code which indicates an allowance or charge for the service specified

R　　　　　Allowance Request

> *Use to comply with the mandatory nature of this data element when soliciting a service, discount, or potential non-CLIN charge in SAC02 for which the bidder is to provide an amount in the offer.*

	SAC02	1300	**Service, Promotion, Allowance, or Charge Code**	**X ID 4/4**

Code identifying the service, promotion, allowance, or charge

> *Any code may be used. The following is a list of preferred codes:*
>
> *A310　Air Express Charge*
> *A320　Air Transportation Charge*
> *A480　Assembly*
> *B180　Cleaning Charge*
> *B870　Customs Charge*
> *B940　Cutting Charge*
> *C000　Defective Allowance*
> *C240　Disconnect Charge*
> *C260　Discount - Incentive*
> *Use to indicate a discount when payment is made using the government credit card.*
>
> *C300　Discount - Special*
> *Use to indicate an incremental quantity discount. An incremental quantity discount applies only to the quantity units within its specified range. Successive incremental discounts are applied against a total order quantity. For example, if different discounts are given for quantities, 1 - 10, 11 - 20, 21 - 30, etc., use of this code implies that for a quantity of 25, the first discount applies to the first 10 units, the second discount applies to the next 10 units and the third discount applies to the last 5 units. This is contrast to the F910 step ladder discount that applies a single discount to the total line item quantity.*
>
> *C310　Discount*
> *Use to indicate a general discount not related to a quantity or purchase amount. Offerors should not include any general discount within the C300 or F910 discount considerations.*
>
> *C330　Distribution Fee*
> *C370　Diversion Charge*
> *C580　Emergency Service*

C590   Emergency Surcharge
C880   Expediting Premium
D170   Free Goods
Use to indicate a quantity provided at no cost if a specified quantity or monetary value is purchased, e.g., buy $100.00 and get 1 free; or buy 10, get 1 free.

D290   Full Truckload Allowance
D440   Groupage Discount
Use to indicate a discount applicable to a line item total purchase amount meeting or exceeding a specified threshold or range.

D500   Handling
D530   Hazardous Cargo Charge
D660   Hook-up Charge
D820   Inside Delivery
D870   Inspection
D890   Installation and Training
D900   Installation
E340   Less Than Truckload (LTL) Charge
Use to indicate a charge for less than a full carload or truckload.

E400   Loading (Labor Charges)
E930   One-Day Service
F150   Packaging Service
F460   Postage
F560   Premium Transportation
F830   Proof of Delivery
Use to indicate a charge for preparation of a DD Form 250.

F910   Quantity Discount
Use to indicate a step ladder discount applicable to a quantity range. The discount specified for the quantity range containing the total line item quantity is the discount to be applied to the unit price. This is contrast to the C300 incremental discount that applies to that portion of the total line item quantity within each increment.

G030   Reconnect Charge
G350   Rents and Leases
G470   Restocking Charge
G530   Rework
G580   Royalties
G600   Same-Day Service
G610   Saturday Delivery
G660   Scrap Allowance
G740   Service Charge
Use to indicate a basic charge for a service call.

G760   Set-up
G870   Shrink Wrap Charge
H000   Special Allowance
H110   Special Packaging
H170   Special Tooling Charge
H430   Storage
H550   Surcharge
H680   Tax - Governmental
Use to indicate that the offeror is required to identify the taxes applicable to the total quote amount that are not included in the unit prices. The offeror is to specify the tax type in the 1/SAC/120 segment of the 843 transaction set by use of the appropriate code in SAC02. Codes H680 and H850 may not be used by the offeror for this purpose.

H850   Tax
Use to indicate that the offeror is required to identify total taxes applicable to the total quote amount that are included in the unit prices. The offeror will use code H850 in SAC02 of the 843 transaction set to identify these total taxes.

H990   Testing Services Charge
I260   Transportation Direct Billing
I330   Two-Day Service
I380   Unloading (Labor Charges)
I530   Volume Discount
Use to indicate a discount applicable to a total order quantity or total order purchase amount meeting or exceeding a specified threshold or range.

I590   Warranties
ZZZZ   Mutually Defined
Use to indicate a training charge.

Refer to 004010 Data Element Dictionary for acceptable code values.

Not Used	SAC03	559	**Agency Qualifier Code**	X	ID 2/2
			Code identifying the agency assigning the code values		
Not Used	SAC04	1301	**Agency Service, Promotion, Allowance, or Charge Code**	X	AN 1/10
			Agency maintained code identifying the service, promotion, allowance, or charge		
Not Used	SAC05	610	**Amount**	O	N2 1/15
			Monetary amount		
Not Used	SAC06	378	**Allowance/Charge Percent Qualifier**	X	ID 1/1
			Code indicating on what basis allowance or charge percent is calculated		
Not Used	SAC07	332	**Percent**	X	R 1/6
			Percent expressed as a percent		

| Not Used | SAC08 | 118 | **Rate** | O | R 1/9 |

Rate expressed in the standard monetary denomination for the currency specified

| Not Used | SAC09 | 355 | **Unit or Basis for Measurement Code** | X | ID 2/2 |

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

| Not Used | SAC10 | 380 | **Quantity** | X | R 1/15 |

Numeric value of quantity

| Not Used | SAC11 | 380 | **Quantity** | O | R 1/15 |

Numeric value of quantity

| Not Used | SAC12 | 331 | **Allowance or Charge Method of Handling Code** | O | ID 2/2 |

Code indicating method of handling for an allowance or charge

| Not Used | SAC13 | 127 | **Reference Identification** | X | AN 1/30 |

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

| Not Used | SAC14 | 770 | **Option Number** | O | AN 1/20 |

A unique number identifying available promotion or allowance options when more than one is offered

| Not Used | SAC15 | 352 | **Description** | X | AN 1/80 |

A free-form description to clarify the related data elements and their content

| Not Used | SAC16 | 819 | **Language Code** | O | ID 2/3 |

Code designating the language used in text, from a standard code list maintained by the International Standards Organization (ISO 639)

Segment:	**ITD** Terms of Sale/Deferred Terms of Sale	
Position:	130	
Loop:		
Level:	Heading	
Usage:	Optional	
Max Use:	5	
Purpose:	To specify terms of sale	
Syntax Notes:	1	If ITD03 is present, then at least one of ITD04 ITD05 or ITD13 is required.
	2	If ITD08 is present, then at least one of ITD04 ITD05 or ITD13 is required.
	3	If ITD09 is present, then at least one of ITD10 or ITD11 is required.
Semantic Notes:	1	ITD15 is the percentage applied to a base amount used to determine a late payment charge.
Comments:	1	If the code in ITD01 is "04", then ITD07 or ITD09 is required and either ITD10 or ITD11 is required; if the code in ITD01 is "05", then ITD06 or ITD07 is required.
Notes:	*Use this segment to identify the permitted frequency of contractor billings, the type of financing arrangements that will be authorized and to specify the payment method for the resulting award instrument.*	

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
ITD01	**336**	**Terms Type Code**	**O**	**ID 2/2**

Code identifying type of payment terms

02	End of Month (EOM)
07	Extended

Use to indicate quarterly billings are permitted.

20	Progress Payment

Term at which progress payments are authorized by the terms of the contract

1. Use to indicate that progress payments will be authorized.

2. When used, the Progress Payment rate, liquidation rate or alternate liquidation rate, may be specified in the 1/PCT/610 segment if they are other than the customary rates.

21	Fast Pay

Code indicating that an invoice is subject to accelerated payment

PP	Prepayment

Use to indicate that advance payments will be authorized.

Not Used	**ITD02**	**333**	**Terms Basis Date Code**	**O**	**ID 1/2**

Code identifying the beginning of the terms period

| Not Used | ITD03 | 338 | **Terms Discount Percent** | **O** | **R 1/6** |

Terms discount percentage, expressed as a percent, available to the purchaser if an invoice is paid on or before the Terms Discount Due Date

| Not Used | ITD04 | 370 | **Terms Discount Due Date** | **X** | **DT 8/8** |

Date payment is due if discount is to be earned expressed in format CCYYMMDD

| Not Used | ITD05 | 351 | **Terms Discount Days Due** | **X** | **N0 1/3** |

Number of days in the terms discount period by which payment is due if terms discount is earned

| Not Used | ITD06 | 446 | **Terms Net Due Date** | **O** | **DT 8/8** |

Date when total invoice amount becomes due expressed in format CCYYMMDD

| Not Used | ITD07 | 386 | **Terms Net Days** | **O** | **N0 1/3** |

Number of days until total invoice amount is due (discount not applicable)

| Not Used | ITD08 | 362 | **Terms Discount Amount** | **O** | **N2 1/10** |

Total amount of terms discount

| Not Used | ITD09 | 388 | **Terms Deferred Due Date** | **O** | **DT 8/8** |

Date deferred payment or percent of invoice payable is due expressed in format CCYYMMDD

| Not Used | ITD10 | 389 | **Deferred Amount Due** | **X** | **N2 1/10** |

Deferred amount due for payment

| Not Used | ITD11 | 342 | **Percent of Invoice Payable** | **X** | **R 1/5** |

Amount of invoice payable expressed in percent

| Not Used | ITD12 | 352 | **Description** | **O** | **AN 1/80** |

A free-form description to clarify the related data elements and their content

| Not Used | ITD13 | 765 | **Day of Month** | **X** | **N0 1/2** |

The numeric value of the day of the month between 1 and the maximum day of the month being referenced

| | ITD14 | 107 | **Payment Method Code** | **O** | **ID 1/2** |

Code identifying type of payment procedures

| | AC | | Credit Card | | |
| | E | | Electronic Payment System | | |

| Not Used | ITD15 | 954 | **Percent** | **O** | **R 1/10** |

Percentage expressed as a decimal

Segment:	**DTM** Date/Time Reference	
Position:	150	
Loop:		
Level:	Heading	
Usage:	Optional	
Max Use:	10	
Purpose:	To specify pertinent dates and times	
Syntax Notes:	1 At least one of DTM02 DTM03 or DTM05 is required.	
	2 If DTM04 is present, then DTM03 is required.	
	3 If either DTM05 or DTM06 is present, then the other is required.	
Semantic Notes:		
Comments:		
Notes:	*Use this segment to identify dates applicable to the solicitation or the resulting award instrument. Use the 2/DTM/200 segment for delivery and other dates that apply to the line items.*	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	DTM01	374	**Date/Time Qualifier**	M ID 3/3

Code specifying type of date or time, or both date and time

007 Effective

Use in conjunction with DTM05 code RD8 to indicate the ordering period of an Agreement or an IDC award instrument per FAR clause 52.216-18. Specify the date range in DTM06.

093 Contract Expiration

Use to indicate the expiration date for the award instrument resulting from this solicitation.

099 Bid Open (Date Bids Will Be Opened)

Use in conjunction with the 1/BQT/020 segment, BQT07 code 03, to indicate the bid opening date and time.

376 Delivery End

The date that deliveries will end

Use to indicate the date after which the contractor will not be required to make deliveries for orders placed against the contract resulting from this solicitation per FAR clause 52.216-20/21/22.

565 Date of Property Inspection

Use in conjunction with the 1/N1/310 segment,N101 code EL, to indicate the date and time of a site or property inspection.

644 Meeting

Use to indicate the date and time for pre-solicitation or pre-proposal conference.

| | 997 | Quote to be Received By |

A date on which or before a quote must be received at a location specified in an RFQ

Use to indicate the closing date for an offer.

| **DTM02** | **373** | **Date** | **X** | **DT 8/8** |

Date expressed as CCYYMMDD

| **DTM03** | **337** | **Time** | **X** | **TM 4/8** |

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

When DTM01 is code 099, 565, 644, or 997, use to identify the related time only in the HHMM format using the local time for that location.

| Not Used | **DTM04** | **623** | **Time Code** | **O** | **ID 2/2** |

Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow

| **DTM05** | **1250** | **Date Time Period Format Qualifier** | **X** | **ID 2/3** |

Code indicating the date format, time format, or date and time format

| | RD8 | Range of Dates Expressed in Format CCYYMMDD-CCYYMMDD |

A range of dates expressed in the format CCYYMMDD-CCYYMMDD where CCYY is the numerical expression of the century CC and year YY, MM is the numerical expression of the month within the year, and DD is the numerical expression of the day within the year; the first occurrence of CCYYMMDD is the beginning date and the second occurrence is the ending date

Use in conjunction with DTM01 code 007.

| **DTM06** | **1251** | **Date Time Period** | **X** | **AN 1/35** |

Expression of a date, a time, or range of dates, times or dates and times

Segment:	**LDT** Lead Time		
Position:	160		
Loop:			
Level:	Heading		
Usage:	Optional		
Max Use:	12		
Purpose:	To specify lead time for availability of products and services		
Syntax Notes:			
Semantic Notes:	1	LDT04 is the effective date of lead time information.	
Comments:	1	LDT02 is the quantity of unit of time periods.	

Notes:
1. Use this segment to identify time periods that quotes must remain valid for acceptance.

2. This segment can be also used to identify a delivery schedule that applies to all of the line items in a solicitation for a basic award instrument. When the delivery lead time varies by line item in a solicitation for a basic award instrument, use the 2/LDT/302 segment.

3. Codes used in LDT01 at this location, may not be used in the 2/LDT/302 segment.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	LDT01	345	**Lead Time Code**	M ID 2/2

Code indicating the time range

AE	From date of PO receipt to shipment	

Use to indicate the delivery lead time for all line items in a solicitation for a basic award instrument against which delivery orders will be placed when such instruments do not specify the lead time by line item.

AF	From date of PO receipt to delivery	

Use to indicate the delivery lead time for all line items in a solicitation for a basic award instrument against which delivery orders will be placed when such instruments do not specify the lead time by line item.

AR	From Date of Award to Government Receipt of Bond	

Use to indicate the lead time for submission of a performance or payment bond. The bond is required only if the offeror receives an award.

AT	From Bid Opening to Expiration of Bid	

Use to specify the number of days from the date for receipt of offers within which an offer resulting

> *from this solicitation may be accepted.*

	AV	From Date of Award to Date of Latest Delivery

> *Use to indicate the delivery lead time for all line items in a solicitation for a basic award instrument against which delivery orders will be placed when such instruments do not specify the lead time by line item.*

	AW	From Date of Award to Date of Earliest Delivery

> *Use to indicate the delivery lead time for all line items in a solicitation for a basic award instrument against which delivery orders will be placed when such instruments do not specify the lead time by line item.*

	AX	From Date of Award to Date of Completion

> *Use to indicate the delivery lead time for all line items in a solicitation for a basic award instrument against which delivery orders will be placed when such instruments do not specify the lead time by line item.*

	AY	From Date of Award to Date of Delivery

> *Use to indicate the delivery lead time for all line items in a solicitation for a basic award instrument against which delivery orders will be placed when such instruments do not specify the lead time by line item.*

	BC	From Date of Award to Commencement of Performance

> *Use in solicitations for construction contracts to indicate a lead time from the date of a Notice to Proceed to the date of the commencement of performance.*

	BE	From Date of Option Exercise to Date of Completion

> *Use in solicitations for construction contracts to indicate a lead time from the date of a Notice to Proceed to the date of completion.*

Must Use	LDT02	380	**Quantity**		**M R 1/15**

Numeric value of quantity

Must Use	LDT03	344	**Unit of Time Period or Interval**		**M ID 2/2**

Code indicating the time period or interval

	DA	Calendar Days
	DW	Work Days
	MO	Month

Not Used	LDT04	373	**Date**		**O DT 8/8**

Date expressed as CCYYMMDD

Segment:	**PID** Product/Item Description
Position:	190
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	200
Purpose:	To describe a product or process in coded or free-form format
Syntax Notes:	1 If PID04 is present, then PID03 is required.
	2 At least one of PID04 or PID05 is required.
	3 If PID07 is present, then PID03 is required.
	4 If PID08 is present, then PID04 is required.
	5 If PID09 is present, then PID05 is required.
Semantic Notes:	1 Use PID03 to indicate the organization that publishes the code list being referred to.
	2 PID04 should be used for industry-specific product description codes.
	3 PID08 describes the physical characteristics of the product identified in PID04. A "Y" indicates that the specified attribute applies to this item; an "N" indicates it does not apply. Any other value is indeterminate.
	4 PID09 is used to identify the language being used in PID05.
Comments:	1 If PID01 equals "F", then PID05 is used. If PID01 equals "S", then PID04 is used. If PID01 equals "X", then both PID04 and PID05 are used.
	2 Use PID06 when necessary to refer to the product surface or layer being described in the segment.
	3 PID07 specifies the individual code list of the agency specified in PID03.
Notes:	*Use this segment to provide a general description of the research work associated with, or the title of, a proposed Grant.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	PID01	349	**Item Description Type**	M ID 1/1
			Code indicating the format of a description	
			F Free-form	
Not Used	PID02	750	**Product/Process Characteristic Code**	O ID 2/3
			Code identifying the general class of a product or process characteristic	
Not Used	PID03	559	**Agency Qualifier Code**	X ID 2/2
			Code identifying the agency assigning the code values	
Not Used	PID04	751	**Product Description Code**	X AN 1/12
			A code from an industry code list which provides specific data about a product characteristic	
	PID05	352	**Description**	X AN 1/80
			A free-form description to clarify the related data elements and their content	
Not Used	PID06	752	**Surface/Layer/Position Code**	O ID 2/2
			Code indicating the product surface, layer or position that is being	

described

| Not Used | PID07 | 822 | **Source Subqualifier** | **O** | **AN 1/15** |

A reference that indicates the table or text maintained by the Source Qualifier

| Not Used | PID08 | 1073 | **Yes/No Condition or Response Code** | **O** | **ID 1/1** |

Code indicating a Yes or No condition or response

| Not Used | PID09 | 819 | **Language Code** | **O** | **ID 2/3** |

Code designating the language used in text, from a standard code list maintained by the International Standards Organization (ISO 639)

Segment:	**MEA** Measurements	
Position:	200	
Loop:		
Level:	Heading	
Usage:	Optional	
Max Use:	40	
Purpose:	To specify physical measurements or counts, including dimensions, tolerances, variances, and weights (See Figures Appendix for example of use of C001)	
Syntax Notes:	1	At least one of MEA03 MEA05 MEA06 or MEA08 is required.
	2	If MEA05 is present, then MEA04 is required.
	3	If MEA06 is present, then MEA04 is required.
	4	If MEA07 is present, then at least one of MEA03 MEA05 or MEA06 is required.
	5	Only one of MEA08 or MEA03 may be present.
Semantic Notes:	1	MEA04 defines the unit of measure for MEA03, MEA05, and MEA06.
Comments:	1	When citing dimensional tolerances, any measurement requiring a sign (+ or -), or any measurement where a positive (+) value cannot be assumed, use MEA05 as the negative (-) value and MEA06 as the positive (+) value.

Notes: *1. Use this segment to provide information that applies to all of the line items. If information varies by line item, use the 2/MEA/049 segment.*

2. This segment can be used to provide measurements applicable to the solicitation including: the percents or rank order for the evaluation factors that will be used for this procurement; the maximum size standards for the Standard Industrial Classification (SIC) Code or North American Industry Classification System (NAICS) Code applicable to this procurement; the time periods for ordering restrictions identified in the 1/CTB/285 segment; and the length of a required warranty.

3. Codes used in MEA01 at this location, may not be used in the 2/MEA/049 segment.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	MEA01	737	**Measurement Reference ID Code**	O ID 2/2

Code identifying the broad category to which a measurement applies

CS		Core Size

Use in conjunction with the 1/N9/290 segment, N901 code 87 or code IJ, to indicate the maximum size standard, either as the number of employees or the annual revenue, for the cited NAICS code or SIC code.

EF		Evaluation Factors

Use in conjunction with an applicable MEA02 code to indicate the evaluation factors used for this procurement.

			OL	Order Limits

Use in conjunction with MEA04-1 code DA to indicate the number of days over which a series of orders will be considered as one order for applying maximum order limitations per FAR clause 52.216 -19.

RS   Response Time

Use in conjunction with MEA04-1 code DA to indicate the number of days within which the contractor must reject an order exceeding the maximum order limitations per FAR clause 52.216 -19.

WR   Warranty

Use in conjunction with the 1/CSH/110 segment, CSH01 code WY and MEA03/04-1 to indicate a warranty period.

MEA02   **738**   **Measurement Qualifier**   **O   ID 1/3**

Code identifying a specific product or process characteristic to which a measurement applies

Use in conjunction with MEA01 code EF, to identify the evaluation factor to which the measurement value in MEA03 applies.

COS   Cost

CSR   Cost Realism

DIS   Dispersion

The ease with which one substance mixes with another

Use to indicate an evaluation factor for industrial base consideration.

HK   Human Factors

MM   Management

OTT   Others Total

Identifies the total value of all metallic elements not listed in the chemical composition limits standard

Use to indicate the total evaluation factor value not otherwise associated with another code.

P1   Price

PRE   Prior Experience

PSP   Past Performance

QL   Quality

SCH   Schedule

T3   Technical

MEA03   **739**   **Measurement Value**   **X   R 1/20**

The value of the measurement

| Must Use | MEA04 | C001 | **Composite Unit of Measure** | | X | |

To identify a composite unit of measure (See Figures Appendix for examples of use)

| Must Use | C00101 | 355 | **Unit or Basis for Measurement Code** | M | ID 2/2 |

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

When MEA01 is Code EF, either code P1 or code UN may be used.

DA Days
Use in conjunction with MEA01 code OL, RS, or WR.

IE Person
Use in conjunction with MEA01 code CS.

LL Lifetime
A duration ending with the death of the individual
Use in conjunction with MEA01 code WR.

MO Months
Use in conjunction with MEA01 code WR.

P1 Percent
Use in conjunction with any MEA02 code to indicate the measurement value of the evaluation factor is expressed as a percent.

R5 Thousands of Dollars
Use in conjunction with MEA01 code CS.

UN Unit
Use in conjunction with any MEA02 code to indicate the value cited in MEA03 is the rank order of the evaluation factor cited in MEA02, e.g., the number 2 would indicate the evaluation factor is the second in order of importance.

YR Years
Use in conjunction with MEA01 code WR.

| Not Used | C00102 | 1018 | **Exponent** | O | R 1/15 |

Power to which a unit is raised

| Not Used | C00103 | 649 | **Multiplier** | O | R 1/10 |

Value to be used as a multiplier to obtain a new value

| Not Used | C00104 | 355 | **Unit or Basis for Measurement Code** | O | ID 2/2 |

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

| Not Used | C00105 | 1018 | **Exponent** | O | R 1/15 |

Power to which a unit is raised

| Not Used | C00106 | 649 | **Multiplier** | O | R 1/10 |

Value to be used as a multiplier to obtain a new value

Not Used	C00107	355	**Unit or Basis for Measurement Code**	O	ID 2/2

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

Not Used	C00108	1018	**Exponent**	O	R 1/15

Power to which a unit is raised

Not Used	C00109	649	**Multiplier**	O	R 1/10

Value to be used as a multiplier to obtain a new value

Not Used	C00110	355	**Unit or Basis for Measurement Code**	O	ID 2/2

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

Not Used	C00111	1018	**Exponent**	O	R 1/15

Power to which a unit is raised

Not Used	C00112	649	**Multiplier**	O	R 1/10

Value to be used as a multiplier to obtain a new value

Not Used	C00113	355	**Unit or Basis for Measurement Code**	O	ID 2/2

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

Not Used	C00114	1018	**Exponent**	O	R 1/15

Power to which a unit is raised

Not Used	C00115	649	**Multiplier**	O	R 1/10

Value to be used as a multiplier to obtain a new value

Not Used	MEA05	740	**Range Minimum**	X	R 1/20

The value specifying the minimum of the measurement range

Not Used	MEA06	741	**Range Maximum**	X	R 1/20

The value specifying the maximum of the measurement range

Not Used	MEA07	935	**Measurement Significance Code**	O	ID 2/2

Code used to benchmark, qualify or further define a measurement value

Not Used	MEA08	936	**Measurement Attribute Code**	X	ID 2/2

Code used to express an attribute response when a numeric measurement value cannot be determined

Not Used	MEA09	752	**Surface/Layer/Position Code**	O	ID 2/2

Code indicating the product surface, layer or position that is being described

Not Used	MEA10	1373	**Measurement Method or Device**	O	ID 2/4

The method or device used to record the measurement

Segment:	**PWK** Paperwork
Position:	210
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	25
Purpose:	To identify the type or transmission or both of paperwork or supporting information
Syntax Notes:	1 If either PWK05 or PWK06 is present, then the other is required.
Semantic Notes:	
Comments:	1 PWK05 and PWK06 may be used to identify the addressee by a code number.
	2 PWK07 may be used to indicate special information to be shown on the specified report.
	3 PWK08 may be used to indicate action pertaining to a report.
Notes:	*1. Use this segment when the paperwork information applies to all of the line items. Use the 2/PWK/070 segment if the information varies by line item.*
	2. Use this segment to identify paperwork required to be provided by the offeror in response to the solicitation, or paperwork that will be required under the resultant award instrument, or paperwork being provided as part of the solicitation and, if necessary, how that paperwork will be transmitted.
	3. Codes used in PWK01 at this location may not be used in the 2/PWK/070 segment.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	PWK01	755	**Report Type Code**	M ID 2/2

Code indicating the title or contents of a document, report or supporting item

Use to identify the type of paperwork that must be provided by the offeror or is being provided by the buying party.

22   Functional Plan

Use in conjunction with PWK08-1, code PV, to indicate a source selection or evaluation plan.

25   Purchase Plan

Use in conjunction with PWK08-1, code 5, to indicate a make or buy plan is required.

27   Contract Delivery Schedule

Use in conjunction with PWK08-1, code 2, to indicate a General Services Administration Form 1611 or similar document.

35   Subcontractor Plan

Use in conjunction with PWK08-1, code 5.

AE   Attachment

		Use in conjunction with PWK07 and PWK08-1, code PV, to indicate some additional document, e.g., list of government furnished property, applicable to the solicitation is being sent by means other than within the transaction set.
BA	Budget	
	Use in conjunction with PWK08-1, code 2, to indicate a Grant financial report.	
C1	Cost Data Summary	
	Use in conjunction with PWK08-1, code 5, to indicate non-certified cost and price data.	
C5	Certified Cost and Price Data	
	Use in conjunction with PWK08-1, code 5.	
C6	Wage Determination	
	Use in conjunction with the 1/N9/290 segment, N901 code 2Y, and PWK08-1 code PV, to indicate a Department of Labor Wage Determination.	
DW	Drawing(s)	
	Use in conjunction with PWK08-1, code PV.	
EL	Eligibility	
	Use in conjunction with PWK08-1, code 2, to indicate a Grant disclosure report.	
KF	Support Documents	
	Use in conjunction with PWK08-1, code 2, to indicate Grant supporting technical documentation.	
MR	Material Inspection and Receiving Report	
	Use in conjunction with PWK08-1, code 2.	
MS	Material Safety Data Sheet	
	Use in conjunction with PWK08-1, code 5.	
PD	Proof of Delivery	
	Use in conjunction with PWK08-1, code 2.	
PJ	Purchasing Specification	
	Specifications, generated by a customer, setting acceptance limits on the properties or performance of the product being purchased; purchasing specifications may additionally supply instructions for packaging, transportation, delivery, and payments	
	Use in conjunction with PWK08-1, code PV, to indicate a Statement of Work (SOW).	
PM	Proof of Insurance	
	Use in conjunction with PWK08-1, code 5.	
PP	Proposal	

Use in conjunction with PWK08-1, code 5.

    SD   Support Data for a Request for Quote

Use in conjunction with PWK08-1, code PV, to indicate that supporting technical documentation, e.g., engineering data list, bill of materials, etc., is being provided by the buying party.

    SF   Contract Security Classification Specification

Use in conjunction with PWK08-1, code PV, to indicate that additional information relative to the Contract Security Classification Specification being transmitted in this transaction set will be provided.

    SP   Specification

Use in conjunction with PWK08-1, code PV.

    UA   Union Agreement

Use in conjunction with PWK08-1, code 5.

    US   "BUY AMERICA" Certification of Compliance

Use in conjunction with PWK08-1, code 5.

    WP   Work Progress

Use in conjunction with PWK08-1, code 2, to indicate a Grant progress report.

PWK02   756   Report Transmission Code   O   ID 1/2

Code defining timing, transmission method or format by which reports are to be sent

While any listed code can be used, code EL is preferred when the indicated paperwork can be provided electronically using one of the transaction sets specifically designed for the purpose.

    BM   By Mail

Use to indicate transmittal via the United States Postal Service (USPS).

    CF   Courier

Use to indicate transmittal via commercial express courier.

    DA   Data

Use in conjunction with PWK07 to indicate other forms of electronic transfer.

    EL   Electronically Only

1. Use to indicate that data has been or should be sent by a separate EDI transaction set.

2. If the data has been sent by a separate EDI transaction set, use in conjunction with the 1/N9/290 segment, N901 code TN, to identify the unique number of the transaction set.

		EM	E-Mail
		FT	File Transfer

Use to indicate File Transfer Protocol.

		FX	By Fax
		IA	Electronic Image

Use in conjunction with PWK07 to indicate the World Wide Web.

		WS	With Shipment (With Package)

PWK03   757   Report Copies Needed   O   N0 1/2

The number of copies of a report that should be sent to the addressee

The number of copies is assumed to be 1 unless a greater number is specified in this data element.

PWK04   98   Entity Identifier Code   O   ID 2/3

Code identifying an organizational entity, a physical location, property or an individual

Use in conjunction with the same N101 code values in the 1/N1/310 segment to identify the recipient of the paperwork. If there is more than one recipient for the same paperwork item, use multiple repetitions of the PWK segment with the same report code in PWK01. Optionally, identify the communications number of the recipient in the 1/PER/360 segment.

		7D	Contracting Officer Representative
		7N	Party to Receive Proposal
		7P	Transportation Office
		BY	Buying Party (Purchaser)

Use to indicate the Contracting Officer.

		C4	Contract Administration Office

Established at either a contractor facility or in a geographic area, and responsible for administering on behalf of the buying activities that assigned contracts for administration and all contracts awarded to either the specific contractor or all contractors in the geographic area

		HMI	Material Safety Data Sheet (MSDS) Recipient

Use in conjunction with PWK01 code MS to indicate the Agency's Hazardous Material Information System (HMIS) central focal point to whom Material Safety Data Sheets are to be sent.

		KF	Audit Office

The office performing the audit

		KG	Project Manager

The address of the person responsible for the management of a designated project

			Use to indicate the government party responsible for a project including the Advisor under a Grant.		
		KY	Technical Office		
Not Used	PWK05	66	**Identification Code Qualifier**	X	ID 1/2

Code designating the system/method of code structure used for Identification Code (67)

Not Used	PWK06	67	**Identification Code**	X	AN 2/80

Code identifying a party or other code

	PWK07	352	**Description**	O	AN 1/80

A free-form description to clarify the related data elements and their content

1. Use only if necessary to provide additional information or instructions applicable to a specific paperwork item.

2. When PWK01 is code AE, use to identify the document.

3. When PWK02 is code DA, use to identify the other form of electronic transfer.

4. When PWK02 is code IA, use to identify the Universal Resource Locator (URL).

5. Use of free form text is discouraged if the information can be provided by means of codes or data values within the transaction set.

Must Use	PWK08	C002	**Actions Indicated**	O	

Actions to be performed on the piece of paperwork identified

Must Use	C00201	704	**Paperwork/Report Action Code**	M	ID 1/2

Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required

2	Report to be Filed

Use in conjunction with PWK01 codes 27, BA, EL, KF, MR, PD, or WP, to indicate the specified paperwork will be required under the resultant award instrument.

5	Generate

Use in conjunction with PWK01 codes 25, 35, C1, C5, MS, PM, PP, UA, or US, to indicate the specified paperwork must be provided in the response to this solicitation.

PV	Provided

Use in conjunction with PWK01 codes 22, AE, C6, DW, PJ, SD, SF, or SP, to indicate the specified paperwork will be provided by the buying party.

Not Used	**C00202**	**704**	**Paperwork/Report Action Code**	**O**	**ID 1/2**

Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required

Not Used	**C00203**	**704**	**Paperwork/Report Action Code**	**O**	**ID 1/2**

Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required

Not Used	**C00204**	**704**	**Paperwork/Report Action Code**	**O**	**ID 1/2**

Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required

Not Used	**C00205**	**704**	**Paperwork/Report Action Code**	**O**	**ID 1/2**

Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required

Not Used	**PWK09**	**1525**	**Request Category Code**	**O**	**ID 1/2**

Code indicating a type of request

Segment:	**RRA** Required Response
Position:	280
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	100
Purpose:	To indicate information that is required to be included in the response
Syntax Notes:	
Semantic Notes:	**1** Use RRA02 only to specify applicable regulatory or contractual clause.
Comments:	

Notes: *Use this segment to indicate to prospective offerors that specific information must be provided with their proposal, e.g., a certification, a representation or other information, that applies to all of the line items. If the information varies by line item, use the 2/RRA/290 segment.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	RRA01	701	**Information Type**	M ID 2/2

Code specifying the information required in the response

14   As Indicated by the Cited Reference

Use to indicate the reference number that requires an offeror to provide a certification, representation or other information. This reference number will be a clause number or some unique reference number previously provided to offerors.

	Ref. Des.	Data Element	Name	Attributes
Must Use	RRA02	127	**Reference Identification**	O AN 1/30

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Segment:	**CTB** Restrictions/Conditions
Position:	285
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	>1
Purpose:	To specify restrictions/conditions (such as shipping, ordering)
Syntax Notes:	1 At least one of CTB02 CTB04 or CTB06 is required.
	2 If either CTB03 or CTB04 is present, then the other is required.
	3 If either CTB05 or CTB06 is present, then the other is required.
Semantic Notes:	
Comments:	
Notes:	*1. Use this segment to identify conditions that will apply to a basic award instrument or to orders placed under a basic award instrument, e.g., a requirements or indefinite quantity type award instrument. For line item conditions, use the 2/CTB/047 segment.*
	2. Time periods associated with ordering restrictions are specified in the 1/MEA/200 segment.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	CTB01	688	**Restrictions/Conditions Qualifier**	M ID 2/2

Code identifying the type of restriction/condition

OR   Ordering

Not Rec	CTB02	352	**Description**	X AN 1/80

A free-form description to clarify the related data elements and their content

1. Use, if necessary, to identify restrictions/conditions that cannot be identified in a codified form or to provide additional information related to a restriction/condition.

2. Use of free form text is discouraged if the information can be provided by means of codes or data values within the transaction set.

	CTB03	673	**Quantity Qualifier**	X ID 2/2

Code specifying the type of quantity

57   Minimum Order Quantity

Use to indicate the required minimum quantity per order against a basic award instrument per FAR clause 52.216-19.

70   Maximum Order Quantity

Use to indicate the allowable maximum quantity per order against a basic award instrument per

FAR clause 52.216-19.

    8H   Minimum

Use to indicate the minimum quantity that the Government is obligated to purchase throughout the ordering period of a basic award instrument per FAR clause 52.216-22.

    M2   Maximum

Use to indicate the maximum quantity that the Government is obligated to purchase throughout the ordering period of a basic award instrument per FAR clause 52.216-21. Quantities above the maximum may be acquired from other sources.

    MQ   Maximum Ship Quantity

Use to indicate the maximum quantity that the contractor is obligated to deliver throughout the ordering period of a basic award instrument per FAR clause 52.216-22.

CTB04	**380**	**Quantity**	**X**	**R 1/15**

Numeric value of quantity

CTB05	**522**	**Amount Qualifier Code**	**X**	**ID 1/3**

Code to qualify amount

    KJ   Minimum Contract Amount

Use to indicate the minimum monetary amount that the Government is obligated to purchase throughout the ordering period of a basic award instrument per FAR clause 52.216-22.

    LQ   Maximum Potential Liability

Use to indicate the maximum monetary amount that the Government is obligated to purchase throughout the ordering period of a basic award instrument per FAR clause 52.216-21.

    MA   Maximum Amount

Use to indicate the allowable maximum monetary amount per order against a basic award instrument per FAR clause 52.216-19.

    MO   Minimum Order Value

    Minimum value of order allowed

Use to indicate the required minimum monetary amount per order against a basic award instrument per FAR clause 52.216-19.

    VZ   Maximum Transfer

Use to indicate the contractor's maximum delivery obligation throughout the ordering period of a

basic award instrument, expressed as a monetary amount per FAR clause 52.216-22.

CTB06   **610**   **Amount**   **X N2 1/15**

Monetary amount

Segment:	**N9** **Reference Identification**
Position:	290
Loop:	N9 Optional
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To transmit identifying information as specified by the Reference Identification Qualifier
Syntax Notes:	1 At least one of N902 or N903 is required.
	2 If N906 is present, then N905 is required.
	3 If either C04003 or C04004 is present, then the other is required.
	4 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:	1 N906 reflects the time zone which the time reflects.
	2 N907 contains data relating to the value cited in N902.
Comments:	
Notes:	*1. Use this loop to identify various references that are applicable to the entire solicitation. If the references vary by line item, use the 2/N9/320 segment.*
	2. When citing a clause in N902, the date of the clause MUST be cited in N904 and the title of the clause may be optionally cited in the following MSG segment. If an alternate is cited in N907-1/N907-2, the date of the alternate MUST be cited in the 1/DTM/295 segment citing code 102 in DTM01.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	**N901**	**128**	**Reference Identification Qualifier**	**M ID 2/3**

Code qualifying the Reference Identification

2E   Foreign Military Sales Case Number

A reference number designating the foreign military sale records

Use in conjunction with the 1/N1/310 segment, N101 code CY, to indicate the items being solicited are for a Foreign Military Sale (FMS).

2S   Catalog

Use to indicate the Catalog of Federal Domestic Assistance. This is where additional information regarding the program funding source for a grant can be found.

2Y   Wage Determination

Use to indicate a Department of Labor Wage Determination number. Use if the Wage Determination is identified by reference only. Use also to identify the Wage Determination if it is provided by some other means identified in the

		1/PWK/210 segment.
5N	Citation of Statute	
		Use to indicate the legislative authorization citation under which the resulting instrument, e.g., a grant, will be awarded. Optionally cite the legislative program title in N903.
73	Statement of Work (SOW)	
	Description of a product or service to be procured under a contract; statement of requirements	
		If a Statement of Work is part of the solicitation, the 1/PWK/210 segment can be optionally used to identify how it is being provided.
87	Functional Category	
	An organization or groups of organizations with a common operational orientation such as Quality Control Engineering, etc	
		Use in conjunction with the 1/MEA/200 segment, MEA01 code CS, to indicate the North American Industry Classification System code.
ADA	Agency for International Development Acquisition Regulation (AIDAR)	
		Use in conjunction with N904 to indicate a clause from the cited regulation.
AH	Agreement Number	
		Use to indicate a Union Agreement number.
AU	Authorization to Meet Competition Number	
		Use to indicate the FAR part 6 authority for using other than full and open competition.
CJ	Clause Number	
		Use to indicate a clause other than a clause found in the FAR, DFARS, a Civilian Agency FAR supplement, etc. Use in conjunction with N907-1 code DUN or DX to identify the organization issuing the clause.
CT	Contract Number	
		Use to indicate an existing contractual instrument applicable to this solicitation.
DF	Defense Federal Acquisition Regulations (DFAR)	
		Use in conjunction with N904 to indicate a clause from the cited regulation.
DG	Drawing Number	
DHH	Department of Health and Human Services Acquisition Regulation (HHSAR)	

	Use in conjunction with N904 to indicate a clause from the cited regulation.
DOA	Department of Agriculture Acquisition Regulation (AGAR)
	Use in conjunction with N904 to indicate a clause from the cited regulation.
DOC	Department of Commerce Acquisition Regulation (CAR)
	Use in conjunction with N904 to indicate a clause from the cited regulation.
DOE	Department of Energy Acquisition Regulation (DEAR)
	Use in conjunction with N904 to indicate a clause from the cited regulation.
DOI	Department of Interior Acquisition Regulation (DIAR)
	Use in conjunction with N904 to indicate a clause from the cited regulation.
DOJ	Department of Justice Acquisition Regulation (JAR)
	Use in conjunction with N904 to indicate a clause from the cited regulation.
DOL	Department of Labor Acquisition Regulation (DOLAR)
	Use in conjunction with N904 to indicate a clause from the cited regulation.
DOS	Department of State Acquisition Regulation (DOSAR)
	Use in conjunction with N904 to indicate a clause from the cited regulation.
DOT	Department of Transportation Acquisition Regulation (TAR)
	Use in conjunction with N904 to indicate a clause from the cited regulation.
DS	Defense Priorities Allocation System (DPAS) Priority Rating
	The code to be cited in N902 is a 4 position code.
DTS	Department of the Treasury Acquisition/Procurement Regulation (TAPR)
	Use in conjunction with N904 to indicate a clause from the cited regulation.
EC	Circular
	Use to indicate an Office of Management and Budget (OMB) circular number.
EDA	Department of Education Acquisition Regulation (EDAR)

		Use in conjunction with N904 to indicate a clause from the cited regulation.
EPA	Environmental Protection Agency Acquisition Regulation (EPAAR)	
	Use in conjunction with N904 to indicate a clause from the cited regulation.	
FA	Federal Acquisition Regulations (FAR)	
	Use in conjunction with N904 to indicate a clause from the cited regulation.	
GS	General Services Administration Regulations (GSAR)	
	Use in conjunction with N904 to indicate a clause from the cited regulation.	
HF	Engineering Data List	
HT	Code of Federal Regulations	
HUD	Department of Housing and Urban Development Acquisition Regulation (HUDAR)	
	Use in conjunction with N904 to indicate a clause from the cited regulation.	
IJ	Standard Industry Classification (SIC) Code	
	Use in conjunction with the 1/MEA/200 segment, MEA01 code CS, to indicate the Standard Industrial Classification (SIC) Code applicable to this solicitation.	
K4	Criticality Designator	
	A number assigned to a contract or order that expresses the relative importance of that contract or order and thereby assists the contractor in making performance decisions and assists in making production surveillance decisions	
	Use to indicate the surveillance criticality designator applicable to the award instrument.	
K7	Paragraph Number	
	Use in conjunction with the 1/MSG/300 segment, to indicate information for an offeror. Cite an applicable number in N902 and provide the information in the 1/MSG/300 segment. The numbering system can be based on the uniform contract format, e.g., H-1 for special requirements or any other numbering system the originator desires.	
KD	Special Instructions Number	
	Use to indicate a special instruction. Use in conjunction with N907-1 code DUN or DX or in conjunction with N903 to identify the agency,	

command or purchasing activity issuing the special instruction. If this special instruction number is not included in previously provided terms and conditions, provide the full text in the following MSG segment.

KS Solicitation

A discreet number assigned by the purchasing activity to differentiate between different solicitations

Use in conjunction with the 1/BQT/020 segment, BQT01 code 18, only when a new solicitation number is assigned, to indicate the original solicitation number.

KT Request for Quotation Reference

A discrete number assigned for identification purposes to a request for quotation

Use to indicate another type of reference number applicable to the solicitation. This number is not the solicitation number (which is carried in BQT02). This code can be used as a means to provide clear text information, i.e., Notice to Bidders, in the following MSG segment. Another example of the use of this code can be to provide the reason for the cancellation of the solicitation.

KY Site Specific Procedures, Terms, and Conditions

A set of procedures, terms, and conditions, applicable to a category of procurement emanating from a specific location, which will be incorporated into all procurement actions in that category by referencing its unique number rather than by incorporating the lengthy details it represents

KZ Master Solicitation Procedures, Terms, and Conditions

A set of standard procedures, terms, and conditions, applicable to a category of procurement, which will be incorporated into all procurement actions in that category by referencing its unique number rather than by incorporating the lengthy details it represents

Use to indicate the Master Solicitation number that contains terms and conditions applicable to this solicitation.

LX Qualified Products List

Use in conjunction with the 1/CSH/110 segment, CSH01 is code QP, QM, or QB, to indicate the Qualified Products List, Qualified Manufacturer List, or Qualified Bidders List.

MU Military Specification (MILSPEC) Number

	NAS	National Aeronautics and Space Administration FAR Supplement (NFS)

Use in conjunction with N904 to indicate a clause from the cited regulation.

	NI	Military Standard (MIL-STD) Number
	NJ	Technical Document Number
	NL	Technical Order Number
	P4	Project Code

Use to indicate the project number applicable to this solicitation.

	QC	Product Specification Document Number
		Model designation of replacement component
	RQ	Purchase Requisition Number

Use to indicate the Purchase Request (PR) number or the Purchase Request Order Number (PRON). If it is necessary to identify the line item number from the PR or PRON, cite that number in N907.

	S3	Specification Number

Use to indicate a specification number other than a Military Specification (MIL-SPEC). Use in conjunction with N907-1 code DUN or DX or in conjunction with N903 to identify the issuing activity.

	TN	Transaction Reference Number

1. Use to indicate the unique reference number of a related transaction set (e.g. an 841 transaction set carrying a technical specification or a drawing). Each transaction set has a unique number. In the case of an 841 transaction set, that number is carried in SPI02.

2. Use in conjunction with N902 to cite the related transaction set's unique number and in conjunction with N907-1 code 7U, to cite the X12 transaction set designator (e.g., 841) of the related transaction set.

	TP	Test Specification Number
	VB	Department of Veterans Affairs Acquisition Regulations (VAAR)

Use in conjunction with N904 to indicate a clause from the cited regulation.

	VW	Standard

Use to indicate a standard other than a MIL-STD, e.g., ASTMD3951. Optionally use N903 to further

			identify the standard.		
	W2		Weapon System Number		
			Identifies a weapon system		
			Use to indicate the Weapon System Code.		
	W6		Federal Supply Schedule Number		
			Identifies an item with a two-digit group number, two-digit part number, and one-character section letter		
	WF		Locally Assigned Control Number		
	WK		Type of Science Code		
			Use in conjunction with the 1/BQT/020 segment, BQT07 code 11, to indicate the science category applicable to the research work being solicited.		
	XY		Other Unlisted Type of Reference Number		
			Use in conjunction with N903 and optionally with the 1/MSG/300 segment to indicate any other reference that cannot use a specific qualifier code.		

Must Use	N902	127	**Reference Identification**	**X**	**AN 1/30**

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

	N903	369	**Free-form Description**	**X**	**AN 1/45**

Free-form descriptive text

1. When N901 is code KD or S3, use to identify the organization issuing the special instruction or specification cited in N902 if it cannot be identified by a code in N907.

2. When N901 is code XY, use to identify the source of the reference and use the following MSG segment for text, if necessary.

3. Use of free form text is discouraged if the information can be provided by means of codes or data values within the transaction set.

	N904	373	**Date**	**O**	**DT 8/8**

Date expressed as CCYYMMDD

1. Use to identify the issue date applicable to the reference cited in N901. For clauses that have a date expressed only as a month and year, the DD (day) portion of the date is always 01.

2. For additional dates applicable to the N901 reference, use the 1/DTM/295.

Not Used	N905	337	**Time**	**X**	**TM 4/8**

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths

(00-99)

Not Used	N906	623	**Time Code**	O	ID 2/2

Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow

	N907	C040	**Reference Identifier**	O

To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier

Use this composite data element to identify references that are associated with the reference identified in N901, e.g., an alternate clause number, a sheet of a drawing, etc.

Must Use	C04001	128	**Reference Identification Qualifier**	M	ID 2/3

Code qualifying the Reference Identification

2G   Amendment

7M   Frame

Use in conjunction with N901 code DG.

7P   Sheet

Use in conjunction with N901 code DG.

7S   Drawing Type

Use in conjunction with N901 code DG.

7U   Related Transaction Reference Number

Use in conjunction with N901 code TN to indicate the X12 designation (e.g., 841) of the related transaction set.

8Z   Alternate Clause Number

Use in conjunction with N901 code ADA, DF, DHH, DOA, DOC, DOE, DOI, DOJ, DOL, DOS, DOT, DTS, EDA, EPA, FA, GS, HUD, NAS, or VB.

DUN   D-U-N-S Number Dun & Bradstreet

Use in conjunction with N901 code CJ, KD, or S3 to indicate a DUNS or DUNS+4 number.

DX   Department/Agency Number

Use in conjunction with N901 code CJ, KD, or S3 to indicate a Department of Defense or Civilian Agency Activity Address Code.

FJ   Line Item Control Number

A unique number assigned to each charge line used for tracking purposes

Use in conjunction with N901 code RQ to indicate the PR or PRON line item.

			W8	Suffix		

Differentiates between partial actions taken on the original transaction

			YB	Revision Number		

Must Use	**C04002**	**127**	**Reference Identification**		**M**	**AN 1/30**

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

	C04003	**128**	**Reference Identification Qualifier**		**X**	**ID 2/3**

Code qualifying the Reference Identification

7M   Frame

Use in conjunction with code N901 code DG.

7P   Sheet

Use in conjunction with code N901 code DG.

7S   Drawing Type

Use in conjunction with code N901 code DG.

	C04004	**127**	**Reference Identification**		**X**	**AN 1/30**

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

	C04005	**128**	**Reference Identification Qualifier**		**X**	**ID 2/3**

Code qualifying the Reference Identification

7M   Frame

Use in conjunction with code N901 code DG.

7P   Sheet

Use in conjunction with code N901 code DG.

7S   Drawing Type

Use in conjunction with code N901 code DG.

	C04006	**127**	**Reference Identification**		**X**	**AN 1/30**

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Segment:	**DTM** Date/Time Reference	
Position:	295	
Loop:	N9 Optional	
Level:	Heading	
Usage:	Optional	
Max Use:	>1	
Purpose:	To specify pertinent dates and times	
Syntax Notes:	1	At least one of DTM02 DTM03 or DTM05 is required.
	2	If DTM04 is present, then DTM03 is required.
	3	If either DTM05 or DTM06 is present, then the other is required.
Semantic Notes:		
Comments:		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	DTM01	374	**Date/Time Qualifier**	**M ID 3/3**

Code specifying type of date or time, or both date and time

007   Effective

Use to indicate the effective date applicable to a reference cited in N901.

036   Expiration

Date coverage expires

Use to indicate the expiration date applicable to a reference cited in N901.

102   Issue

Use to indicate a date applicable to a reference cited in N907-1 except when N907-1 is code YB.

171   Revision

Use in conjunction with N907-1 code YB.

	Ref. Des.	Data Element	Name	Attributes
	DTM02	373	**Date**	**X DT 8/8**

Date expressed as CCYYMMDD

When N907-1 is code 8Z and DTM01 is code 102, the DD (day) portion of the date is always 01.

	Ref. Des.	Data Element	Name	Attributes
Not Used	DTM03	337	**Time**	**X TM 4/8**

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

	Ref. Des.	Data Element	Name	Attributes
Not Used	DTM04	623	**Time Code**	**O ID 2/2**

Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an

indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow

Not Used   **DTM05**   **1250**   **Date Time Period Format Qualifier**   **X**   **ID 2/3**

Code indicating the date format, time format, or date and time format

Not Used   **DTM06**   **1251**   **Date Time Period**   **X**   **AN 1/35**

Expression of a date, a time, or range of dates, times or dates and times

Segment:	**MSG** Message Text
Position:	300
Loop:	N9 Optional
Level:	Heading
Usage:	Optional
Max Use:	1000
Purpose:	To provide a free-form format that allows the transmission of text information
Syntax Notes:	1 If MSG03 is present, then MSG02 is required.
Semantic Notes:	1 MSG03 is the number of lines to advance before printing.
Comments:	1 MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.
	2 If MSG02 is "AA - Advance the specified number of lines before print" then MSG03 is required.

Notes:

1. Use this segment to carry the title or full text of any clause, a special instruction, or other information associated with the number cited in N902.

2. This segment is also used to carry clause fill-in information that is not provided elsewhere within the transaction set. Use of clause titles when providing fill-in information is recommended.

3. When providing fill-in information, the following format is recommended:

*   a) In the first iteration of the segment, cite the clause title followed by a pipe sign to indicate the end of the title information, then cite the number of fill-ins followed by a second pipe sign to indicate the end of the title segment.*

*   b) For each fill-in, begin a new MSG segment using the sequence in which the fill-ins appear within the clause. These MSG segments may each begin with a number indicating the fill-in's sequence position. End each fill-in with a pipe sign. If multiple iterations of MSG are required for a long fill-in, end only the last MSG segment of that fill-in with the pipe sign.*

4. The purpose of the pipe sign "|" is to provide an indication to receiving applications that the data string related to a single entry has been completed.

*   An example of a clause with 3 fill-ins follows:*

*   MSG*Commencement, Prosecution, and Completion of Work Alternate I|3|*
*   MSG*1. 30|*
*   MSG*2. 30 Sep 1995|*
*   MSG*3. 15 Jan 1995|*

5. An example alternative format provides all fill-in information within the title MSG segment as follows:

*   MSG*Commencement, Prosecution, and Completion of Work Alternate I|3|30|Sep 30, 1995|Jan 15, 1995|*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	**MSG01**	**933**	**Free-Form Message Text**	**M**	**AN 1/264**
			Free-form message text		
Not Used	**MSG02**	**934**	**Printer Carriage Control Code**	**X**	**ID 2/2**
			A field to be used for the control of the line feed of the receiving printer		
Not Used	**MSG03**	**1470**	**Number**	**O**	**N0 1/9**
			A generic number		

Segment:	**N1** Name
Position:	310
Loop:	N1 Optional (Must Use)
Level:	Heading
Usage:	Optional (Must Use)
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	1 At least one of N102 or N103 is required.
	2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
	2 N105 and N106 further define the type of entity in N101.

Notes: *1. Use this loop to identify organizations or locations that apply to all line items. If the information varies by line item, use the 2/N1/340 loop. Persons affiliated with organizations may be identified in the 1/PER/360 segment.*

2. Use of N101, N103, and N104 is REQUIRED to identify organizations or locations. Names and addresses, in text, may be additionally provided using N102 and segments N2 through N4. Use of text is discouraged.

3. There must be 1 iteration of this N1 segment using code BY in N101.

4. Codes used in N101 at this location may not be used in the 2/N1/340 segment.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	N101	98	Entity Identifier Code	M ID 2/3

Code identifying an organizational entity, a physical location, property or an individual

7D	Contracting Officer Representative
7N	Party to Receive Proposal
7P	Transportation Office
BY	Buying Party (Purchaser)

Use to indicate the soliciting activity.

C4	Contract Administration Office

Established at either a contractor facility or in a geographic area, and responsible for administering on behalf of the buying activities that assigned contracts for administration and all contracts awarded to either the specific contractor or all contractors in the geographic area

CY	Country

Use in conjunction with the 1/N9/290 segment, N901 code 2E, and N103 code 38, to indicate the country to which a Foreign Military Sale applies.

DZ   Delivery Zone

Area where the product was delivered

Use in conjunction with N103 code ZN, to indicate an area to which deliveries are expected to be made under a requirements or an indefinite delivery type award instrument.

EL   Established Location

Use to indicate the location where existing site conditions or existing equipment conditions can be inspected by the offeror prior to submission of an offer for services or an offer for purchase of disposal property.

HMI   Material Safety Data Sheet (MSDS) Recipient

Use to indicate the Agency's Hazardous Material Information System (HMIS) central focal point to whom Material Safety Data Sheets are to be sent.

J2   Authorized Entity

Use to indicate activities authorized to place orders against award instruments, e.g., requirements, indefinite quantity, Blanket Purchase Agreements (BPAs), Basic Ordering Agreements (BOAs), etc.

KF   Audit Office

The office performing the audit

KG   Project Manager

The address of the person responsible for the management of a designated project

Use to indicate the Government organization responsible for a project to include the advisor under a Grant.

KW   Bid Opening Location

Use in conjunction with the 1/DTM/150 segment, DTM01 code 099, to indicate the location of a bid opening, if the address is different than the address of the soliciting activity.

KY   Technical Office

Use to indicate the technical office that has cognizance over the technical portion of the order, if different than the office originating the order. Do not use unless it is intended for the contractor to deal directly with the cited party.

MU   Meeting Location

			1. Use in conjunction with the 1/BQT/020, BQT01 code 24, and the 1/DTM/150 segment, DTM01 code 644, to indicate the location of a pre-solicitation conference if the address is different than the address of the soliciting activity.		
			2. Use in conjunction with the 1/BQT/020 segment, BQT01 code 00, 05, 07, or 18, and the 1/DTM/150 segment, DTM01 code 644, to indicate the location of a pre-proposal conference if the address is different than the address of the soliciting activity.		
		PO	Party to Receive Invoice for Goods or Services		
			Use to indicate where invoice should be sent		
		PR	Payer		
		R6	Requester		
			Use to indicate the requesting agency/activity.		
		TQ	Third Party Reviewing Organization (TPO)		
			Use to indicate the office for receipt of foreign disclosure sensitive information per DoD Directive 5230.25.		
		XP	Party to Receive Solicitation		
Not Rec	**N102**	**93**	**Name**	**X**	**AN 1/60**
			Free-form name		
Must Use	**N103**	**66**	**Identification Code Qualifier**	**X**	**ID 1/2**
			Code designating the system/method of code structure used for Identification Code (67)		
		1	D-U-N-S Number, Dun & Bradstreet		
			Use of the DUNS or DUNS+4 number is preferred over other codes to identify an entity.		
		9	D-U-N-S+4, D-U-N-S Number with Four Character Suffix		
			Use of the DUNS or DUNS+4 number is preferred over other codes to identify an entity.		
		10	Department of Defense Activity Address Code (DODAAC)		
			Use to indicate either a Department of Defense or Civilian Agency Activity Address Code.		
		33	Commercial and Government Entity (CAGE)		
		38	Country Code		
			Use in conjunction with N101 code CY.		
		ZN	Zone		
			Use in conjunction with N101 code DZ, to indicate		

a delivery zone.

| Must Use | N104 | 67 | **Identification Code** | | **X** | **AN 2/80** |

Code identifying a party or other code

1. When N103 is code 38, cite the 2 position ISO 3166 country code.

2. When N103 is code ZN, identify the delivery zone by one of the following means:

a. Cite a delivery zone designation, e.g., 01, 10, 1A, etc., and in conjunction with the 1/N4/340 segment, identify the geographic locations that comprise the delivery zone.
b. Cite the word "CONUS" to specify all points within the continental United States that are not otherwise identified within a zone.
c. Cite the word "WORLD" to specify all points outside the continental United States that are not otherwise identified within a zone.

| Not Used | N105 | 706 | **Entity Relationship Code** | | **O** | **ID 2/2** |

Code describing entity relationship

| Not Used | N106 | 98 | **Entity Identifier Code** | | **O** | **ID 2/3** |

Code identifying an organizational entity, a physical location, property or an individual

Segment:	**N2** Additional Name Information	
Position:	320	
Loop:	N1 Optional (Must Use)	
Level:	Heading	
Usage:	Optional (Not Recommended)	
Max Use:	2	
Purpose:	To specify additional names or those longer than 35 characters in length	
Syntax Notes:		
Semantic Notes:		
Comments:		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	N201	93	**Name**	**M AN 1/60**
			Free-form name	
	N202	93	**Name**	**O AN 1/60**
			Free-form name	

Segment:	**N3** Address Information	
Position:	330	
Loop:	N1 Optional (Must Use)	
Level:	Heading	
Usage:	Optional (Not Recommended)	
Max Use:	2	
Purpose:	To specify the location of the named party	
Syntax Notes:		
Semantic Notes:		
Comments:		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	N301	166	**Address Information**	**M AN 1/55**
			Address information	
	N302	166	**Address Information**	**O AN 1/55**
			Address information	

Segment:	**N4** Geographic Location	
Position:	340	
Loop:	N1 Optional (Must Use)	
Level:	Heading	
Usage:	Optional	
Max Use:	>1	
Purpose:	To specify the geographic place of the named party	
Syntax Notes:	1 If N406 is present, then N405 is required.	
Semantic Notes:		
Comments:	1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.	
	2 N402 is required only if city name (N401) is in the U.S. or Canada.	
Notes:	*When N101 is code DZ and N104 does not cite the words "CONUS" or "WORLD", this segment may be used to identify locations within a delivery zone and the FOB point if it varies by delivery zone or locations within a delivery zone.*	

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
N401	**19**	**City Name**	**O**	**AN 2/30**

Free-form text for city name

When the address is a military overseas post office, cite APO or FPO as appropriate to identify an Army Post Office (APO) or Fleet Post Office (FPO).

Ref. Des.	Data Element	Name	Attributes	
N402	**156**	**State or Province Code**	**O**	**ID 2/2**

Code (Standard State/Province) as defined by appropriate government agency

Use codes AA (Armed Forces Americas), AE (Armed Forces Europe), or AP (Armed Forces Pacific) as appropriate for the military overseas post office.

Ref. Des.	Data Element	Name	Attributes	
N403	**116**	**Postal Code**	**O**	**ID 3/15**

Code defining international postal zone code excluding punctuation and blanks (zip code for United States)

Ref. Des.	Data Element	Name	Attributes	
N404	**26**	**Country Code**	**O**	**ID 2/3**

Code identifying the country

Cite the two position ISO 3166 country code.

Ref. Des.	Data Element	Name	Attributes	
N405	**309**	**Location Qualifier**	**X**	**ID 1/2**

Code identifying type of location

When the 1/FOB/080 segment is not used to identify the FOB point, use in conjunction with the 1/N1/310 segment, N101 code DZ, to specify the FOB point for a delivery zone or for a location within a zone.

DE	Destination (Shipping)	
OA	Origin (After Loading on Equipment)	
	Use to indicate FOB Origin with transportation	

charges prepaid by the seller and added as a separate item to the invoice.

OR   Origin (Shipping Point)

Use to indicate FOB Origin with transportation charges paid by a Government Bill of Lading (GBL).

TM   Terminal

Use in conjunction with N406 to indicate that the FOB point for delivery outside the continental United States is located at a transportation terminal and not at origin or destination. FAR clauses 52.247-38, 52.247-39, or a similar FAR clause may apply.

| **N406** | **310** | **Location Identifier** | | **O** | **AN 1/30** |

Code which identifies a specific location

Use in conjunction with N405 code TM, to identify the location of the FOB point. Cite the 5 position United Nations code for ports and other locations (UN/LOCODE) in accordance with the United Nations Location Code Manual.

Segment:	**PER** Administrative Communications Contact	
Position:	360	
Loop:	N1 Optional (Must Use)	
Level:	Heading	
Usage:	Optional	
Max Use:	>1	
Purpose:	To identify a person or office to whom administrative communications should be directed	
Syntax Notes:	1 If either PER03 or PER04 is present, then the other is required.	
	2 If either PER05 or PER06 is present, then the other is required.	
	3 If either PER07 or PER08 is present, then the other is required.	
Semantic Notes:		
Comments:		
Notes:	*Use this segment to provide communications contacts associated with the entities cited in the same N1 loop.*	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	PER01	366	**Contact Function Code**	M ID 2/2

Code identifying the major duty or responsibility of the person or group named

Use to identify the various individuals who can be contacted regarding specific areas of this solicitation.

AC	Administrative Contracting Officer	
	Use in conjunction with the 1/N1/310 segment, N101 code C4.	
AT	Material Safety Data Sheet Contact	
	Use in conjunction with the 1/N1/310 segment, N101 code BY or HMI.	
AV	Advisor	
	Use in conjunction with the 1/N1/310 segment, N101 code KG, to indicate the government party who will work with the eventual contractor on basic R&D efforts in a particular science area.	
BD	Buyer Name or Department	
	1. Includes Grant Management Specialists.	
	2. Use in conjunction with the 1/N1/310 segment, N101 code BY.	
CD	Contract Contact	
	Use in conjunction with the 1/N1/310 segment, N101 code 7D, to indicate a Contracting Officer's Representative.	

	IC	Information Contact		

When no other qualifier code is applicable, use to indicate a general information point of contact at the location cited in N101.

	PC	Purchasing Contracting Officer (PCO)		

Person to whom a warrant has been issued authorizing that person to obligate funds on behalf of the government

1. Includes Grants/Contract Project Officer.

2. Use in conjunction with the 1/N1/310 segment, N101 code BY.

	PP	Program Manager		

1. Includes Grants Project Officer.

2. Use in conjunction with the 1/N1/310 segment, N101 code KG.

	QR	Ordering Officer		

An individual authorized to place orders against existing contracts

Use in conjunction with the 1/N1/310 segment, N101 code J2, to indicate persons within an activity authorized to place orders against award instruments.

PER02   93   Name   O   AN 1/60

Free-form name

Use to identify the name of a point of contact. Last name, followed by first name, is preferred. If the whole name is longer than 35 characters, the use of initials for the first name is recommended. PER09 may be used to cite the party's title.

PER03   365   Communication Number Qualifier   X   ID 2/2

Code identifying the type of communication number

	TE	Telephone		

Use to indicate the commercial telephone number of the individual cited in PER02. Include the area code.

PER04   364   Communication Number   X   AN 1/80

Complete communications number including country or area code when applicable

The telephone number shall be transmitted as a continuous number with no extraneous characters. Include the country code and area code. If an extension applies to the telephone number, concatenate the letter X plus the extension at the end of the number, e.g., 1703555212X123.

PER05   365   Communication Number Qualifier   X   ID 2/2

Code identifying the type of communication number

    FX   Facsimile

| **PER06** | **364** | **Communication Number** | **X** | **AN 1/80** |

Complete communications number including country or area code when applicable

The fax number shall be transmitted as a continuous number with no extraneous characters. Include the country code and area code.

| **PER07** | **365** | **Communication Number Qualifier** | **X** | **ID 2/2** |

Code identifying the type of communication number

    EM   Electronic Mail

| **PER08** | **364** | **Communication Number** | **X** | **AN 1/80** |

Complete communications number including country or area code when applicable

| **PER09** | **443** | **Contact Inquiry Reference** | **O** | **AN 1/20** |

Additional reference number or description to clarify a contact number

Use, if necessary, to provide an office symbol or the title of the party cited in PER02.

Segment:	**SPI** Specification Identifier
Position:	440
Loop:	SPI Optional
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To provide a description of the included specification or technical data items
Syntax Notes:	1 If either SPI02 or SPI03 is present, then the other is required.
Semantic Notes:	
Comments:	
Notes:	*This loop is used to carry the security information which is normally provided in the Department of Defense Contract Security Classification Specification (DD Form 254). Information regarding the contractor, subcontractor, place of performance and cognizant security offices may not be available until after an award determination and may have to be provided in the eventual award instrument. The prospective offerors may be required to provide this information as part of their proposal.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	SPI01	786	Security Level Code	M ID 2/2

Code indicating the level of confidentiality assigned by the sender to the information following

Use to specify the highest level of safeguarding required for the data associated with the eventual award instrument.

90	Government Non-Classified
92	Government Confidential
93	Government Secret
94	Government Top Secret

	Ref. Des.	Data Element	Name	Attributes
Must Use	SPI02	128	Reference Identification Qualifier	X ID 2/3

Code qualifying the Reference Identification

Use to identify a solicitation number if applicable to a Contract Security Classification Specification. If a solicitation number is not applicable, use to identify either an award instrument number or a subcontract number as appropriate. If more than one number applies, provide the other number(s) in the 1/REF/450 segment within this loop.

3X	Subcontract Number
CT	Contract Number
KS	Solicitation

A discreet number assigned by the purchasing activity to differentiate between different solicitations

Use in conjunction with the 1/DTM/460 segment, DTM01 code 106.

| Must Use | SPI03 | 127 | **Reference Identification** | | **X** | **AN 1/30** |

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

| Not Used | SPI04 | 790 | **Entity Title** | | **O** | **AN 1/132** |

Title of the data entity

| Not Used | SPI05 | 791 | **Entity Purpose** | | **O** | **AN 1/80** |

The reason for the existence of the data item specified by the electronic data item independent of its presence in an EDI transaction

| Not Used | SPI06 | 792 | **Entity Status Code** | | **O** | **ID 1/1** |

Code indicating the current status of the data item specified by the electronic data item

| Must Use | SPI07 | 353 | **Transaction Set Purpose Code** | | **O** | **ID 2/2** |

Code identifying purpose of transaction set

Use to identify the type of Contract Security Classification Specification being issued.

00   Original

Use in conjunction with the 1/DTM/460 segment, DTM01 code 703 to indicate an original DD Form 254.

04   Change

Use in conjunction with the 1/REF/450 segment, REF01 code YB and the 1/DTM/460 segment, DTM01 code 171, to indicate a revised Contract Security Classification Specification.

20   Final Transmission

Use in conjunction with 1/DTM/460, DTM01 code 165 and the 1/CB1/560, CB101 code 70, to indicate a final Contract Security Classification Specification.

| Must Use | SPI08 | 755 | **Report Type Code** | | **O** | **ID 2/2** |

Code indicating the title or contents of a document, report or supporting item

SF   Contract Security Classification Specification

| | SPI09 | 786 | **Security Level Code** | | **O** | **ID 2/2** |

Code indicating the level of confidentiality assigned by the sender to the information following

Use to identify the facility clearance level required to perform the eventual award instrument.

92   Government Confidential
93   Government Secret
94   Government Top Secret

| Not Used | SPI10 | 559 | **Agency Qualifier Code** | | **O** | **ID 2/2** |

Code identifying the agency assigning the code values

| Not Used | SPI11 | 822 | **Source Subqualifier** | O | AN 1/15 |

A reference that indicates the table or text maintained by the Source Qualifier

| Not Used | SPI12 | 554 | **Assigned Number** | O | N0 1/6 |

Number assigned for differentiation within a transaction set

| Not Used | SPI13 | 1322 | **Certification Type Code** | O | ID 1/1 |

Code indicating the type of certification

| Not Used | SPI14 | 1401 | **Proposal Data Detail Identifier Code** | O | ID 1/3 |

Code identifying the basis of a cited value in a proposal

| Not Used | SPI15 | 1005 | **Hierarchical Structure Code** | O | ID 4/4 |

Code indicating the hierarchical application structure of a transaction set that utilizes the HL segment to define the structure of the transaction set

Segment:	**REF** Reference Identification	
Position:	450	
Loop:	SPI Optional	
Level:	Heading	
Usage:	Optional	
Max Use:	5	
Purpose:	To specify identifying information	
Syntax Notes:	1	At least one of REF02 or REF03 is required.
	2	If either C04003 or C04004 is present, then the other is required.
	3	If either C04005 or C04006 is present, then the other is required.
Semantic Notes:	1	REF04 contains data relating to the value cited in REF02.
Comments:		
Notes:	*Use to identify reference numbers applicable to the Contract Security Classification Specification.*	

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	**REF01**	**128**	**Reference Identification Qualifier**	**M**	**ID 2/3**
			Code qualifying the Reference Identification		
			3X Subcontract Number		
			CT Contract Number		
			YB Revision Number		
			Use in conjunction with the 1/SPI/440 segment, SPI07 code 04, to indicate the revision number of the Contract Security Classification Specification.		
	REF02	**127**	**Reference Identification**	**X**	**AN 1/30**
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
Not Used	**REF03**	**352**	**Description**	**X**	**AN 1/80**
			A free-form description to clarify the related data elements and their content		
Not Used	**REF04**	**C040**	**Reference Identifier**	**O**	
			To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier		
Not Used	**C04001**	**128**	**Reference Identification Qualifier**	**M**	**ID 2/3**
			Code qualifying the Reference Identification		
Not Used	**C04002**	**127**	**Reference Identification**	**M**	**AN 1/30**
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
Not Used	**C04003**	**128**	**Reference Identification Qualifier**	**X**	**ID 2/3**
			Code qualifying the Reference Identification		
Not Used	**C04004**	**127**	**Reference Identification**	**X**	**AN 1/30**

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

| Not Used | C04005 | 128 | **Reference Identification Qualifier** | | **X** | **ID 2/3** |

Code qualifying the Reference Identification

| Not Used | C04006 | 127 | **Reference Identification** | | **X** | **AN 1/30** |

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Segment:	**DTM** Date/Time Reference	
Position:	460	
Loop:	SPI Optional	
Level:	Heading	
Usage:	Optional (Must Use)	
Max Use:	5	
Purpose:	To specify pertinent dates and times	
Syntax Notes:	1 At least one of DTM02 DTM03 or DTM05 is required.	
	2 If DTM04 is present, then DTM03 is required.	
	3 If either DTM05 or DTM06 is present, then the other is required.	
Semantic Notes:		
Comments:		
Notes:	*Use to indicate dates applicable to the Contract Security Classification Specification.*	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	DTM01	374	**Date/Time Qualifier**	M ID 3/3

Code specifying type of date or time, or both date and time

036   Expiration

Date coverage expires

Use in conjunction with the 1/REF/450 segment, REF01 code CT, to indicate the expiration date of the Contract.

106   Required By

Use in conjunction with the 1/SPI/440 segment, SPI02 code KS, to indicate the due date of the response to the solicitation.

165   Final Issue

Use in conjunction with the 1/SPI/440 segment, SPI07 code 20, to indicate the date of the final Contract Security Classification Specification.

171   Revision

Use in conjunction with the 1/SPI/440 segment, SPI07 code 04, to indicate the date of the revised Contract Security Classification Specification.

334   Re-evaluation Date

The date on which the student's placement in special education or other programs will be re-assessed

Use to indicate the biennial review date of the Contract Security Classification Specification.

703   Retransmission Time Stamp

Use in conjunction with the 1/SPI/440 segment,

> ***SPI07 code 00, to indicate the date of the original***
> ***Contract Security Classification Specification.***

	DTM02	**373**	**Date**	**X**	**DT 8/8**

Date expressed as CCYYMMDD

Not Used	**DTM03**	**337**	**Time**	**X**	**TM 4/8**

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

Not Used	**DTM04**	**623**	**Time Code**	**O**	**ID 2/2**

Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow

Not Used	**DTM05**	**1250**	**Date Time Period Format Qualifier**	**X**	**ID 2/3**

Code indicating the date format, time format, or date and time format

Not Used	**DTM06**	**1251**	**Date Time Period**	**X**	**AN 1/35**

Expression of a date, a time, or range of dates, times or dates and times

Segment:	**MSG** Message Text	
Position:	470	
Loop:	SPI Optional	
Level:	Heading	
Usage:	Optional	
Max Use:	50	
Purpose:	To provide a free-form format that allows the transmission of text information	
Syntax Notes:	1	If MSG03 is present, then MSG02 is required.
Semantic Notes:	1	MSG03 is the number of lines to advance before printing.
Comments:	1	MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.
	2	If MSG02 is "AA - Advance the specified number of lines before print" then MSG03 is required.
Notes:	*1. Use to provide information applicable to the Contract Security Classification Specification, e.g., a general identification of the procurement or security guidance in clear text.*	
	2. Use of free form text is discouraged if the information can be provided by means of codes or data values within the transaction set.	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	MSG01	933	**Free-Form Message Text**	M	AN 1/264
			Free-form message text		
Not Used	MSG02	934	**Printer Carriage Control Code**	X	ID 2/2
			A field to be used for the control of the line feed of the receiving printer		
Not Used	MSG03	1470	**Number**	O	N0 1/9
			A generic number		

Segment:	**N1** Name
Position:	490
Loop:	N1 Optional (Must Use)
Level:	Heading
Usage:	Optional (Must Use)
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	1 At least one of N102 or N103 is required.
	2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
	2 N105 and N106 further define the type of entity in N101.
Notes:	*1. Use this loop to identify organizations or locations that apply to a Contract Security Classification Specification (DD Form 254). Persons affiliated with organizations may be identified in the 1/G61/540 segment.*
	2. Use of N101, N103, and N104 is REQUIRED to identify organizations or locations. Names and addresses, in text, may be additionally provided using segments N2 through N4. Use of text is discouraged.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	N101	98	**Entity Identifier Code**	**M ID 2/3**

Code identifying an organizational entity, a physical location, property or an individual

28	Subcontractor	
	Use in conjunction with N101 code K2.	
61	Performed At	
	The facility where work was performed	
	Use in conjunction with N101 code K3, to indicate the place of performance.	
B2	Other Unlisted Type of Organizational Entity	
	An organization, e.g., a business, the description of which cannot be accomplished using the existing code list and for which the trading partners have not mutually agreed to a definition for it	
	Use to indicate an unlisted entity to whom distribution of the Contract Security Classification Specification is to be made.	
C4	Contract Administration Office	
	Established at either a contractor facility or in a geographic area, and responsible for administering	

| | | | on behalf of the buying activities that assigned contracts for administration and all contracts awarded to either the specific contractor or all contractors in the geographic area |
| | | K1 | Contractor Cognizant Security Office |

Use in conjunction with N101 code PG.

| | | K2 | Subcontractor Cognizant Security Office |

Use in conjunction with N101 code 28.

| | | K3 | Place of Performance Cognizant Security Office |

Use in conjunction with N101 code 61.

		K4	Party Authorizing Release of Security Information
		K5	Party To Receive Contract Security Classification Specification
		KG	Project Manager

The address of the person responsible for the management of a designated project

Use to indicate the party responsible for a project to include the advisor under a Grant.

| | | KI | United States Overseas Security Administration Office |
| | | OI | Outside Inspection Agency |

Use to indicate another entity that has inspection responsibilities.

| | | PG | Prime Contractor |

Use in conjunction with N101 code K1

| | | PV | Party performing certification |

Not Rec	N102	93	**Name**	**X**	**AN 1/60**

Free-form name

Must Use	N103	66	**Identification Code Qualifier**	**X**	**ID 1/2**

Code designating the system/method of code structure used for Identification Code (67)

| | | 1 | D-U-N-S Number, Dun & Bradstreet |

Use of the DUNS or DUNS+4 number is preferred over other codes to identify an entity.

| | | 9 | D-U-N-S+4, D-U-N-S Number with Four Character Suffix |

Use of the DUNS or DUNS+4 number is preferred over other codes to identify an entity.

| | | 10 | Department of Defense Activity Address Code (DODAAC) |

Use to indicate either a Department of Defense or Civilian Agency Activity Address Code.

| | | 33 | Commercial and Government Entity (CAGE) |

| **Must Use** | **N104** | **67** | **Identification Code** | **X** | **AN 2/80** |

Code identifying a party or other code

| **Not Used** | **N105** | **706** | **Entity Relationship Code** | **O** | **ID 2/2** |

Code describing entity relationship

| **Not Used** | **N106** | **98** | **Entity Identifier Code** | **O** | **ID 2/3** |

Code identifying an organizational entity, a physical location, property or an individual

Segment:	**N2** Additional Name Information	
Position:	500	
Loop:	N1 Optional (Must Use)	
Level:	Heading	
Usage:	Optional (Not Recommended)	
Max Use:	2	
Purpose:	To specify additional names or those longer than 35 characters in length	
Syntax Notes:		
Semantic Notes:		
Comments:		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	N201	93	**Name**	**M AN 1/60**
			Free-form name	
	N202	93	**Name**	**O AN 1/60**
			Free-form name	

Segment:	**N3** Address Information	
Position:	510	
Loop:	N1 Optional (Must Use)	
Level:	Heading	
Usage:	Optional (Not Recommended)	
Max Use:	2	
Purpose:	To specify the location of the named party	
Syntax Notes:		
Semantic Notes:		
Comments:		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	N301	166	**Address Information**	**M AN 1/55**
			Address information	
	N302	166	**Address Information**	**O AN 1/55**
			Address information	

		N4 Geographic Location
Segment:		
Position:	520	
Loop:	N1	Optional (Must Use)
Level:	Heading	
Usage:	Optional (Not Recommended)	
Max Use:	1	
Purpose:	To specify the geographic place of the named party	
Syntax Notes:	1	If N406 is present, then N405 is required.
Semantic Notes:		
Comments:	1	A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
	2	N402 is required only if city name (N401) is in the U.S. or Canada.

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
	N401	**19**	**City Name**	**O**	**AN 2/30**
			Free-form text for city name		
			When the address is a military overseas post office, cite APO or FPO as appropriate to identify an Army Post Office (APO) or Fleet Post Office (FPO).		
	N402	**156**	**State or Province Code**	**O**	**ID 2/2**
			Code (Standard State/Province) as defined by appropriate government agency		
			Use codes AA (Armed Forces Americas), AE (Armed Forces Europe), or AP (Armed Forces Pacific) as appropriate for the military overseas post office.		
	N403	**116**	**Postal Code**	**O**	**ID 3/15**
			Code defining international postal zone code excluding punctuation and blanks (zip code for United States)		
	N404	**26**	**Country Code**	**O**	**ID 2/3**
			Code identifying the country		
			Cite the two position ISO 3166 country code.		
Not Used	**N405**	**309**	**Location Qualifier**	**X**	**ID 1/2**
			Code identifying type of location		
Not Used	**N406**	**310**	**Location Identifier**	**O**	**AN 1/30**
			Code which identifies a specific location		

Segment:	**G61** Contact			
Position:	540			
Loop:	N1	Optional (Must Use)		
Level:	Heading			
Usage:	Optional			
Max Use:	1			
Purpose:	To identify a person or office to whom communications should be directed			
Syntax Notes:	1	If either G6103 or G6104 is present, then the other is required.		
Semantic Notes:				
Comments:	1	G6103 qualifies G6104.		
Notes:	*Use this segment to provide names associated with addresses cited in the N1 segment.*			

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	G6101	366	**Contact Function Code**	**M ID 2/2**

Code identifying the major duty or responsibility of the person or group named

CE	Certifier

Use in conjunction with the 1/N1/490 segment, N101 code PV.

IC	Information Contact

Use in conjunction with the 1/N1/490 segment, N101 code KG, to indicate a single point of contact for classification guidance or interpretation.

PP	Program Manager

Use in conjunction with the 1/N1/490 segment, N101 code KG.

	Ref. Des.	Data Element	Name	Attributes
Must Use	G6102	93	**Name**	**M AN 1/60**

Free-form name

Use to identify the name of a point of contact. Last name, followed by first name, is preferred. If the whole name is longer than 35 characters, the use of initials for the first name is recommended. G6105 may be used to cite the party's title or office symbol.

	Ref. Des.	Data Element	Name	Attributes
	G6103	365	**Communication Number Qualifier**	**X ID 2/2**

Code identifying the type of communication number

TE	Telephone

	Ref. Des.	Data Element	Name	Attributes
	G6104	364	**Communication Number**	**X AN 1/80**

Complete communications number including country or area code when applicable

The telephone number shall be transmitted as a continuous number with no extraneous characters. Include the country code and area code. If an extension applies to the telephone number, concatenate the letter

X plus the extension at the end of the number, e.g., 17035551212X123.

G6105　　**443**　　**Contact Inquiry Reference**　　　　　　　　**O**　**AN 1/20**

Additional reference number or description to clarify a contact number

Use to provide the title or the office symbol of the party cited in G6102.

Segment:	**MSG** Message Text	
Position:	550	
Loop:	N1 Optional (Must Use)	
Level:	Heading	
Usage:	Optional (Not Recommended)	
Max Use:	50	
Purpose:	To provide a free-form format that allows the transmission of text information	
Syntax Notes:	1	If MSG03 is present, then MSG02 is required.
Semantic Notes:	1	MSG03 is the number of lines to advance before printing.
Comments:	1	MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.
	2	If MSG02 is "AA - Advance the specified number of lines before print" then MSG03 is required.
Notes:	*1. Use this segment to provide clear text information applicable to the entity cited in the preceding N1 segment.*	
	2. Use of free form text is discouraged if the information can be provided by means of codes or data values within the transaction set.	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	MSG01	933	**Free-Form Message Text**	**M**	**AN 1/264**
			Free-form message text		
Not Used	MSG02	934	**Printer Carriage Control Code**	**X**	**ID 2/2**
			A field to be used for the control of the line feed of the receiving printer		
Not Used	MSG03	1470	**Number**	**O**	**N0 1/9**
			A generic number		

Segment: **CB1** Contract and Cost Accounting Standards Data

Position:	560
Loop:	CB1 Optional (Must Use)
Level:	Heading
Usage:	Optional (Must Use)
Max Use:	1
Purpose:	To specify contract and cost accounting standards data
Syntax Notes:	
Semantic Notes:	
Comments:	
Notes:	*Use this segment to identify the access required to specific data and information in the performance of the resultant award instrument and to indicate the actions required of and authorizations provided to the contractor under the resultant award instrument.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	CB101	1309	**Acquisition Data Code**	M ID 2/2

Code identifying acquisition data

18	Access to Communications Security Information Required
19	Access to Communication Security Information Not Required
20	Access to Restricted Data Required
21	Access to Restricted Data Not Required
22	Access to Critical Nuclear Weapon Design Information Required
23	Access to Critical Nuclear Weapon Design Information Not Required
24	Access to Formerly Restricted Data Required
25	Access to Formerly Restricted Data Not Required
26	Access to Sensitive Compartmented Information Required
27	Access to Sensitive Compartmented Information Not Required
28	Access to Non-sensitive Compartmented Information Required
29	Access to Non-sensitive Compartmented Information Not Required
30	Access to Special Access Information Required
31	Access to Special Access Information Not Required
32	Access to North Atlantic Treaty Organization Information Required

33	Access to North Atlantic Treaty Organization Information Not Required
34	Access to Foreign Government Information Required
35	Access to Foreign Government Information Not Required
36	Access to Limited Dissemination Information Required
37	Access to Limited Dissemination Information Not Required
38	Access to For Official Use Only Information Required
39	Access to For Official Use Only Information Not Required
40	Access to Other Type of Information Required
41	Access to Other Type of Information Not Required
42	Contractor Will Have Access to United States Classified Information at another Contractor's Facility or a Government Activity
43	Contractor Will Not Have Access to United States Classified Information at another Contractor's Facility or a Government Activity
44	Contractor Will Receive Classified Documents Only
45	Contractor Will Not Receive Classified Documents Only
46	Contractor Will Receive or Generate Classified Material
47	Contractor Will Not Receive or Generate Classified Material
48	Contractor Will Fabricate, Modify, or Store Classified Hardware
49	Contractor Will Not Fabricate, Modify, or Store Classified Hardware
50	Contractor Will Perform Services Only
51	Contractor Will Not Perform Services Only
52	Contractor Will Have Access to United States Classified Information outside the United States, Puerto Rico, United States Possessions and Trust Territories
53	Contractor Will Not Have Access to United States Classified Information outside the United States, Puerto Rico, United States Possessions and Trust Territories
54	Contractor Will Be Authorized to use the Services of Defense Technical Information Center or other Secondary Distribution Center

55	Contractor Will Not Be Authorized to use the Services of Defense Technical Information Center or other Secondary Distribution Center	
56	Contractor Will Require a Communications Security Account	
57	Contractor Will Not Require a Communications Security Account	
58	Contractor Will Have Tempest Requirements	
59	Contractor Will Not Have Tempest Requirements	
60	Contractor Will Have Operations Security Requirements	
61	Contractor Will Not Have Operations Security Requirements	
62	Contractor Will Be Authorized to use the Defense Courier Service	
63	Contractor Will Not Be Authorized to use the Defense Courier Service	
64	Contractor Will Have some other Authorization in the Performance of the Contract	
65	Contractor Will Not Have some other Authorization in the Performance of the Contract	
66	Facility Clearance Required	
67	Facility Clearance Not Required	
68	Follow-on Contract	

Use in conjunction with the 1/REF/570 segment, REF01 code P1.

69	Not a Follow-on Contract
70	Final Contract Security Classification Specification

Use in conjunction with the 1/SPI/440 segment, SPI07 code 20.

71	Not a Final Contract Security Classification Specification
72	Direct Public Release Authorized
73	Direct Public Release Not Authorized
74	Additional Materials being Forwarded
75	No Additional Materials being Forwarded
76	Additional Requirements Established

Use in conjunction with the 1/REF/570 segment, REF01 code KL or KT.

77	Additional Requirements Not Established
78	Elements of the Contract are outside the Inspection Responsibility of the Cognizant Security Office
79	No Element of the Contract Is Outside the Inspection Responsibility of the Cognizant Security

			Office		
	80		Contractor Distribution Required		
	81		Contractor Distribution Not Required		
	82		Subcontractor Distribution Required		
	83		Subcontractor Distribution Not Required		
	84		Cognizant Security Office for Prime and Subcontractor Distribution Required		
	85		Cognizant Security Office for Prime and Subcontractor Distribution Not Required		
	86		United States Activity Responsible for Overseas Security Administration Distribution Required		
	87		United States Activity Responsible for Overseas Security Administration Distribution Not Required		
	88		Administrative Contracting Office Distribution Required		
	89		Administrative Contracting Office Distribution Not Required		
	90		Other Distribution Required		

Use in conjunction with the 1/REF/570 segment, REF01 code KU.

	91		Other Distribution Not Required		

Not Used	**CB102**	**1310**	**Financing Type Code**	**O**	**ID 1/1**

Code identifying the type of contract financing required by the submitter of a pricing proposal

Segment:	**REF** Reference Identification
Position:	570
Loop:	CB1 Optional (Must Use)
Level:	Heading
Usage:	Optional
Max Use:	20
Purpose:	To specify identifying information
Syntax Notes:	1 At least one of REF02 or REF03 is required.
	2 If either C04003 or C04004 is present, then the other is required.
	3 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:	1 REF04 contains data relating to the value cited in REF02.
Comments:	
Notes:	*Use this segment to provide reference numbers associated with access information contained in the Contract Security Classification Specification (DD Form 254).*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	REF01	128	**Reference Identification Qualifier**	M ID 2/3

Code qualifying the Reference Identification

43 Supporting Document Number

Supports or clarifies information and values represented in a document

Use to indicate a reference (paragraph number or section) that contains additional information applicable to the DD Form 254. Cite the reference in REF02 and in conjunction with REF03, identify the document.

KL Contract Reference

Use in conjunction with the 1/CB1/560 segment CB101 code 76, to indicate a clause in the award instrument that contains additional security requirements or unique inspection requirements.

KT Request for Quotation Reference

A discrete number assigned for identification purposes to a request for quotation

Use in conjunction with the 1/CB1/560 segment CB101 code 76, to indicate a clause in the solicitation that contains additional security requirements or unique inspection requirements.

KU Office Symbol

A number assigned for reference to a specific office within an organization

Use in conjunction with the 1/CB1/560 segment,

CB101 code 90, to indicate the office symbol to which additional distribution of the Contract Security Classification Specification (DD Form 254) is required.

| | P1 | Previous Contract Number |

Use in conjunction with the 1/CB1/560 segment, CB101 code 68, to indicate the preceding award instrument number under which classified data was received or generated.

| | **REF02** | **127** | **Reference Identification** | | **X** | **AN 1/30** |

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

| | **REF03** | **352** | **Description** | | **X** | **AN 1/80** |

A free-form description to clarify the related data elements and their content

Use in conjunction with REF01 code 43, to identify the document that contains the paragraph number or section where the applicable information is located.

| **Not Used** | **REF04** | **C040** | **Reference Identifier** | | **O** | |

To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier

| **Not Used** | **C04001** | **128** | **Reference Identification Qualifier** | | **M** | **ID 2/3** |

Code qualifying the Reference Identification

| **Not Used** | **C04002** | **127** | **Reference Identification** | | **M** | **AN 1/30** |

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

| **Not Used** | **C04003** | **128** | **Reference Identification Qualifier** | | **X** | **ID 2/3** |

Code qualifying the Reference Identification

| **Not Used** | **C04004** | **127** | **Reference Identification** | | **X** | **AN 1/30** |

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

| **Not Used** | **C04005** | **128** | **Reference Identification Qualifier** | | **X** | **ID 2/3** |

Code qualifying the Reference Identification

| **Not Used** | **C04006** | **127** | **Reference Identification** | | **X** | **AN 1/30** |

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Segment:	**DTM** Date/Time Reference			
Position:	580			
Loop:	CB1	Optional (Must Use)		
Level:	Heading			
Usage:	Optional			
Max Use:	5			
Purpose:	To specify pertinent dates and times			
Syntax Notes:	**1**	At least one of DTM02 DTM03 or DTM05 is required.		
	2	If DTM04 is present, then DTM03 is required.		
	3	If either DTM05 or DTM06 is present, then the other is required.		
Semantic Notes:				
Comments:				

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	DTM01	374	**Date/Time Qualifier**		M ID 3/3
			Code specifying type of date or time, or both date and time		
			992	Date Requested	
				Use in conjunction with then 1/CB1/560 segment, CB101 code 70, and the 1/LDT/590 segment, LDT01 code BA, to indicate the date of a contractor's request to retain classified material.	
	DTM02	373	**Date**		X DT 8/8
			Date expressed as CCYYMMDD		
Not Used	DTM03	337	**Time**		X TM 4/8
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)		
Not Used	DTM04	623	**Time Code**		O ID 2/2
			Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow		
Not Used	DTM05	1250	**Date Time Period Format Qualifier**		X ID 2/3
			Code indicating the date format, time format, or date and time format		
Not Used	DTM06	1251	**Date Time Period**		X AN 1/35
			Expression of a date, a time, or range of dates, times or dates and times		

Segment:	**LDT** Lead Time			
Position:	590			
Loop:	CB1	Optional (Must Use)		
Level:	Heading			
Usage:	Optional			
Max Use:	1			
Purpose:	To specify lead time for availability of products and services			
Syntax Notes:				
Semantic Notes:	1	LDT04 is the effective date of lead time information.		
Comments:	1	LDT02 is the quantity of unit of time periods.		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	LDT01	345	**Lead Time Code**	M ID 2/2
			Code indicating the time range	
			BA From Date of Award to Expiration Date of Authorization	

> *Use in conjunction with the 1/DTM/580 segment, DTM01 code 992, to indicate the authorized period for a contractor to retain classified materials.*

	Ref. Des.	Data Element	Name	Attributes
Must Use	LDT02	380	**Quantity**	M R 1/15
			Numeric value of quantity	
Must Use	LDT03	344	**Unit of Time Period or Interval**	M ID 2/2
			Code indicating the time period or interval	
			CY Calendar Year	
			DA Calendar Days	
			MO Month	
Not Used	LDT04	373	**Date**	O DT 8/8
			Date expressed as CCYYMMDD	

Segment:	**MSG** Message Text
Position:	600
Loop:	CB1 Optional (Must Use)
Level:	Heading
Usage:	Optional
Max Use:	50
Purpose:	To provide a free-form format that allows the transmission of text information
Syntax Notes:	1 If MSG03 is present, then MSG02 is required.
Semantic Notes:	1 MSG03 is the number of lines to advance before printing.
Comments:	1 MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.
	2 If MSG02 is "AA - Advance the specified number of lines before print" then MSG03 is required.
Notes:	*1. Use this segment to provide additional clear text information associated with a code cited in CB101.*
	2. Use of free form text is discouraged if the information can be provided by means of codes or data values within the transaction set.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	MSG01	933	**Free-Form Message Text**	M	AN 1/264
			Free-form message text		
Not Used	MSG02	934	**Printer Carriage Control Code**	X	ID 2/2
			A field to be used for the control of the line feed of the receiving printer		
Not Used	MSG03	1470	**Number**	O	N0 1/9
			A generic number		

Segment:	**PCT** Percent Amounts
Position:	610
Loop:	PCT Optional
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To qualify percent amounts and supply percent amounts
Syntax Notes:	
Semantic Notes:	
Comments:	
Notes:	*1. Use this segment to carry percentages that apply to all of the items in the solicitation. If the percentages vary by line item, use the 2/PCT/510 segment.*
	2. Codes used in PCT01 at this location may not be used in the 2/PCT/510 segment.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	PCT01	1004	**Percent Qualifier**	**M ID 1/2**

Code to qualify percent

CR	Contractor Share Ratio

Use to indicate the proposed Contractor's portion of the target cost associated with an award instrument pricing arrangement.

CS	Customer Share Ratio

Use to indicate the proposed Government's portion of the target cost associated with an award instrument pricing arrangement.

RG	Progress Payment Rate

Use in conjunction with the 1/ITD/130 segment, ITD01 code 20, to indicate a Progress Payment rate that is other than the customary rate.

RL	Progress Payment Liquidation Rate

Use in conjunction with the 1/ITD/130 segment, ITD01 code 20.

RR	Alternate Progress Payment Liquidation Rate

Use in conjunction with the 1/ITD/130 segment, ITD01 code 20.

	Ref. Des.	Data Element	Name	Attributes
Must Use	PCT02	954	**Percent**	**M R 1/10**

Percentage expressed as a decimal

Cite 4.25% as .0425; cite 3% as .03 (note: leading and trailing zeros are suppressed).

Segment:	**PO1** Baseline Item Data
Position:	010
Loop:	PO1 Mandatory
Level:	Detail
Usage:	Mandatory
Max Use:	1
Purpose:	To specify basic and most frequently used line item data
Syntax Notes:	1 If PO103 is present, then PO102 is required.
	2 If PO105 is present, then PO104 is required.
	3 If either PO106 or PO107 is present, then the other is required.
	4 If either PO108 or PO109 is present, then the other is required.
	5 If either PO110 or PO111 is present, then the other is required.
	6 If either PO112 or PO113 is present, then the other is required.
	7 If either PO114 or PO115 is present, then the other is required.
	8 If either PO116 or PO117 is present, then the other is required.
	9 If either PO118 or PO119 is present, then the other is required.
	10 If either PO120 or PO121 is present, then the other is required.
	11 If either PO122 or PO123 is present, then the other is required.
	12 If either PO124 or PO125 is present, then the other is required.
Semantic Notes:	
Comments:	1 See the Data Element Dictionary for a complete list of IDs.
	2 PO101 is the line item identification.
	3 PO106 through PO125 provide for ten different product/service IDs per each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.
Notes:	*1. Use this PO1 loop to identify all information related to a Contract Line Item Number (CLIN), a Subcontract Line Item Number (SUBCLIN), or an Exhibit Line Item Number (ELIN). Each iteration of the PO1 loop will carry all information related to the CLIN, SUBCLIN or ELIN specified in PO101.*
	2. When BQT01 is code 01, 17, or code 05 and the amendment does not affect table 2, only PO101 need be transmitted.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
PO101	**350**	**Assigned Identification**	**O AN 1/20**
		Alphanumeric characters assigned for differentiation within a transaction set	
		1. Use to identify the Contract Line Item Number (CLIN), the Sub Contract Line Item Number (SUBCLIN), or the Exhibit Line Item Number (ELIN), if one is assigned.	
		2. When BQT01 is code 01, 17, or code 05 and the amendment does not affect table 2, cite the word "NONE" in this data element.	
PO102	**330**	**Quantity Ordered**	**X R 1/15**

Quantity ordered

1. Use in conjunction with PO103 to specify the quantity of the item being solicited. If prices for step ladder quantities are being solicited, PO102 will cite the base quantity that is being solicited and the step ladder quantities will be cited in the 2/CTP/040 segment.

2. Minimum and maximum quantities that will be ordered under a resultant Indefinite Delivery Indefinite Quantity (IDIQ) award instrument are specified in the 2/CTB/047 segment.

3. Do not use this data element at the CLIN level if the quantities are specified at the SUBCLIN level.

PO103	355	**Unit or Basis for Measurement Code**	**O ID 2/2**

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

1. Use any code other than ZZ, but the listed code should be used as indicated by the note.

SX   Shipment
Use when PO101 is a CLIN for transportation charges.

2. Do not use this data element at the CLIN level if the quantities are specified at the SUBCLIN level.

3. A conversion table may be required to convert agency codes to ASC X12 codes.

Refer to 004010 Data Element Dictionary for acceptable code values.

PO104	212	**Unit Price**	**X R 1/17**

Price per unit of product, service, commodity, etc.

1. To comply with the X12 syntax, when PO105 is used, cite "0" in this data element.

2. Use in conjunction with PO105.

PO105	639	**Basis of Unit Price Code**	**O ID 2/2**

Code identifying the type of unit price for an item

CA	Catalog
ES	Estimated
FB	Fabrication Cost

Use to indicate the price includes the incorporation of Government Furnished Property (GFP) into the item.

KA	Price with Government Furnished Property

Use to indicate the price of the items includes the use of GFP to manufacture the item.

	NC	No Charge
	NE	Not to Exceed
	NS	Not Separately Priced

Use to indicate that the offerors are not to provide a price for this item but are to include the cost in the price of the item to which it pertains, e.g., data may not be separately priced.

	PQ	Posted

Use to indicate offerors are to provide a TOTAL price for the line item, NOT A UNIT PRICE.

	TB	To be negotiated.

PO106   235   Product/Service ID Qualifier   X   ID 2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

1. PO106 through PO125 are used in pairs, e.g., PO106 contains a qualifier code and PO107 contains data related to the code.

2. Any code, other than codes DR, F2, F3, KA, KE, KG, MF, MG, MS, PT, PW, ZB, and ZZ, can be used, but the listed codes are preferred. If a manufacturer (code MF), with or without an associated manufacturer's part number (code MG) is required to be identified, provide that identification in the following LIN segment.

3. For information relating to codes DR, F2, F3, KA, KE, KG, MS, PT, and PW, convey the information in the 2/N9/320 segment using appropriate codes in N901 or N907.

AK   Refined Product Code
BL   Brand/Label
Use to indicate the product's brand or model name, e.g., Trinitron is the Sony brand name for a TV or computer monitor.

CG   Commodity Grouping
Use to indicate a commodity code, e.g., the 2 position Federal Supply Group code.

CH   Country of Origin Code
When used, cite the two position ISO 3166 country code in the following 234 data element.

CL   Color
EF   Exhibit Identifier
Use in conjunction with the 2/PER/110 segment, PER01 codes AU and PI, to indicate the letter assigned to an exhibit.

EN   European Article Number (EAN)(2-5-5-1)

EQ   Equipment Type
F1   Catalog Number
Use to indicate a catalog number that identifies the product.

F7   End-Item Description
Use to indicate the end item to which the ordered item applies.

F8   Next Higher Used Assembly
Use to indicate the next higher assembly to which the ordered item applies.

FS   National Stock Number
The NSN shall be transmitted without dashes.

FT   Federal Supply Classification
Use to indicate the 4 position Federal Supply Classification code or Product Service code

HI   HIBC (Health Industry Bar Code)
IN   Buyer's Item Number
Use to indicate a locally assigned code for a product or service whenever stock number does not apply.

KB   Data Category Code
When PO101 is a CLIN or SUBCLIN related to an exhibit, use to indicate the data category of a Contract Data Requirements List.

KD   Replacement National Stock Number
KF   Item Type Number
KI   Cognizance Symbol
KJ   Material Control Code
KK   Special Material Identification Code
KL   Item Management Code
KM   Shelf-Life Code
KN   Shelf-Life Action Code
LT   Lot Number
MN   Model Number
N1   National Drug Code in 4-4-2 Format
N2   National Drug Code in 5-3-2 Format
N3   National Drug Code in 5-4-1 Format
N4   National Drug Code in 5-4-2- Format
ND   National Drug Code (NDC)
PA   Pattern Number
PD   Part Number Description
Use to indicate the noun nomenclature of the item.

PI   Purchaser's Item Code
Use to indicate a GSA Special Item Number.

PU   Part Reference Number
Use to indicate a part number assigned by an industry (not related to a specific manufacturer). Do not use for National Drug Codes.

RC   Returnable Container No.
Use to indicate a National Stock Number (NSN), manufacturer's part number, or other identifying number (except a serial number) of a returnable container. The serial number of a returnable container will be carried in the 2/N9/320 segment with code RS in N901.

SN   Serial Number
Use to indicate the serial number of the item. For example, the serial number of an aircraft engine that is to be repaired.

SH   Service Requested
Use to indicate (in text) the service being solicited.

SW   Stock Number
Use to indicate a local stock number.

SZ   Vendor Alphanumeric Size Code (NRMA)
Use to indicate the size of an item being ordered.

UA   U.P.C./EAN Case Code (2-5-5)
UI   U.P.C. Consumer Package Code (1-5-5)
UK   U.P.C./EAN Shipping Container Code (1-2-5-5-1)
UP   U.P.C. Consumer Package Code (1-5-5-1)
UX   Universal Product Number.
VP   Vendor's (Seller's) Part Number
Use to indicate a part number assigned by a contractor other than a manufacturer.

Refer to 004010 Data Element Dictionary for acceptable code values.

PO107	234	**Product/Service ID**	X	**AN 1/48**

Identifying number for a product or service

PO108	235	**Product/Service ID Qualifier**	X	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 004010 Data Element Dictionary for acceptable code values.

PO109	234	**Product/Service ID**	X	**AN 1/48**

Identifying number for a product or service

PO110	235	**Product/Service ID Qualifier**	X	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 004010 Data Element Dictionary for acceptable code values.

PO111	**234**	**Product/Service ID**	**X**	**AN 1/48**

Identifying number for a product or service

PO112	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 004010 Data Element Dictionary for acceptable code values.

PO113	**234**	**Product/Service ID**	**X**	**AN 1/48**

Identifying number for a product or service

PO114	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 004010 Data Element Dictionary for acceptable code values.

PO115	**234**	**Product/Service ID**	**X**	**AN 1/48**

Identifying number for a product or service

PO116	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 004010 Data Element Dictionary for acceptable code values.

PO117	**234**	**Product/Service ID**	**X**	**AN 1/48**

Identifying number for a product or service

PO118	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 004010 Data Element Dictionary for acceptable code values.

PO119	**234**	**Product/Service ID**	**X**	**AN 1/48**

Identifying number for a product or service

PO120	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 004010 Data Element Dictionary for acceptable code values.

PO121	**234**	**Product/Service ID**	**X**	**AN 1/48**

Identifying number for a product or service

PO122	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 004010 Data Element Dictionary for acceptable code values.

PO123	**234**	**Product/Service ID**	**X**	**AN 1/48**

Identifying number for a product or service

PO124	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 004010 Data Element Dictionary for acceptable code values.

        PO125   **234**   **Product/Service ID**   **X   AN 1/48**

                                Identifying number for a product or service

Segment:	**LIN** Item Identification
Position:	015
Loop:	PO1 Mandatory
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify basic item identification data
Syntax Notes:	1 If either LIN04 or LIN05 is present, then the other is required.
	2 If either LIN06 or LIN07 is present, then the other is required.
	3 If either LIN08 or LIN09 is present, then the other is required.
	4 If either LIN10 or LIN11 is present, then the other is required.
	5 If either LIN12 or LIN13 is present, then the other is required.
	6 If either LIN14 or LIN15 is present, then the other is required.
	7 If either LIN16 or LIN17 is present, then the other is required.
	8 If either LIN18 or LIN19 is present, then the other is required.
	9 If either LIN20 or LIN21 is present, then the other is required.
	10 If either LIN22 or LIN23 is present, then the other is required.
	11 If either LIN24 or LIN25 is present, then the other is required.
	12 If either LIN26 or LIN27 is present, then the other is required.
	13 If either LIN28 or LIN29 is present, then the other is required.
	14 If either LIN30 or LIN31 is present, then the other is required.
Semantic Notes:	1 LIN01 is the line item identification
Comments:	1 See the Data Dictionary for a complete list of IDs.
	2 LIN02 through LIN31 provide for fifteen different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.
Notes:	*Use this segment to identify a manufacturer, with or without an associated manufacturer's part number for the product specified in the PO1 segment. Use multiple iterations of this segment when it is necessary to identify multiple manufacturers/manufacturers' part numbers applicable to the product specified in the PO1 segment. For example, 5 manufacturers may be able to satisfy the requirement for a given national stock number.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Not Used	LIN01	350	**Assigned Identification**	O AN 1/20
			Alphanumeric characters assigned for differentiation within a transaction set	
Must Use	LIN02	235	**Product/Service ID Qualifier**	M ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
			GE Generic Name Description	
			Use to identify a manufacturer by a text name when a DUNS, DUNS+4 or CAGE code is not available. Cite the name in the following data	

			element.		
		MF	Manufacturer		
			When used, cite the DUNS or DUNS+4 number of the manufacturer in the following data element. Use of the DUNS or DUNS+4 number is preferred over other codes to identify an entity.		
		ZB	Commercial and Government Entity (CAGE) Code		
			A code that identifies a commercial contractor authorized to do business with the U.S. government		
			Use to indicate a manufacturer who can be identified by a CAGE code. Cite the CAGE code in the following data element.		
Must Use	LIN03	234	**Product/Service ID**	M	AN 1/48
			Identifying number for a product or service		
	LIN04	235	**Product/Service ID Qualifier**	X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		MG	Manufacturer's Part Number		
	LIN05	234	**Product/Service ID**	X	AN 1/48
			Identifying number for a product or service		
Not Used	LIN06	235	**Product/Service ID Qualifier**	X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	LIN07	234	**Product/Service ID**	X	AN 1/48
			Identifying number for a product or service		
Not Used	LIN08	235	**Product/Service ID Qualifier**	X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	LIN09	234	**Product/Service ID**	X	AN 1/48
			Identifying number for a product or service		
Not Used	LIN10	235	**Product/Service ID Qualifier**	X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	LIN11	234	**Product/Service ID**	X	AN 1/48
			Identifying number for a product or service		
Not Used	LIN12	235	**Product/Service ID Qualifier**	X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	LIN13	234	**Product/Service ID**	X	AN 1/48
			Identifying number for a product or service		
Not Used	LIN14	235	**Product/Service ID Qualifier**	X	ID 2/2
			Code identifying the type/source of the descriptive number used in		

Product/Service ID (234)

Not Used	LIN15	234	**Product/Service ID**	X	AN 1/48

Identifying number for a product or service

Not Used	LIN16	235	**Product/Service ID Qualifier**	X	ID 2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Not Used	LIN17	234	**Product/Service ID**	X	AN 1/48

Identifying number for a product or service

Not Used	LIN18	235	**Product/Service ID Qualifier**	X	ID 2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Not Used	LIN19	234	**Product/Service ID**	X	AN 1/48

Identifying number for a product or service

Not Used	LIN20	235	**Product/Service ID Qualifier**	X	ID 2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Not Used	LIN21	234	**Product/Service ID**	X	AN 1/48

Identifying number for a product or service

Not Used	LIN22	235	**Product/Service ID Qualifier**	X	ID 2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Not Used	LIN23	234	**Product/Service ID**	X	AN 1/48

Identifying number for a product or service

Not Used	LIN24	235	**Product/Service ID Qualifier**	X	ID 2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Not Used	LIN25	234	**Product/Service ID**	X	AN 1/48

Identifying number for a product or service

Not Used	LIN26	235	**Product/Service ID Qualifier**	X	ID 2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Not Used	LIN27	234	**Product/Service ID**	X	AN 1/48

Identifying number for a product or service

Not Used	LIN28	235	**Product/Service ID Qualifier**	X	ID 2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Not Used	LIN29	234	**Product/Service ID**	X	AN 1/48

Identifying number for a product or service

Not Used	LIN30	235	**Product/Service ID Qualifier**	X	ID 2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Not Used	LIN31	234	**Product/Service ID**	X	AN 1/48

Identifying number for a product or service

Identifying number for a product or service

Segment:	**CN1** Contract Information	
Position:	025	
Loop:	PO1 Mandatory	
Level:	Detail	
Usage:	Optional	
Max Use:	1	
Purpose:	To specify basic data about the contract or contract line item	
Syntax Notes:		
Semantic Notes:	1	CN102 is the contract amount.
	2	CN103 is the allowance or charge percent.
	3	CN104 is the contract code.
	4	CN106 is an additional identifying number for the contract.
Comments:		
Notes:	*Use this 2/CN1/025 segment to identify the type of pricing arrangement that is expected to be applicable to a specific line item if it will differ from the pricing arrangement that is expected to be applicable to the award instrument. BQT08 specifies the pricing arrangement that is expected to be applicable to the entire award instrument. BQT08 and the 2/CN1/025 segment can both be included in the transaction set if needed.*	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	CN101	1166	**Contract Type Code**	M ID 2/2

Code identifying a contract type

CA	Cost Plus Incentive Fee (With Performance Incentives)
CH	Cost Sharing
CS	Cost
CW	Cost Plus Award Fee
CX	Cost Plus Fixed Fee
CY	Cost Plus Incentive Fee
FB	Fixed Price Incentive Firm Target (With Performance Incentive)
FC	Fixed Price Incentive Firm Target (Without Performance Incentive)
FD	Fixed Price Redetermination
	Use to indicate a prospective fixed price redetermination procurement line item.
FF	Fixed Price Incentive Successive Target (With Performance Incentive)
FG	Fixed Price Incentive Successive Target (Without Performance Incentive)
FH	Fixed Price Award Fee

			FJ	Fixed Price Level of Effort		
			FK	No Cost		
			FM	Retroactive Fixed Price Redetermination		
			FR	Firm Fixed Price		
			FX	Fixed Price with Economic Price Adjustment		
			LH	Labor Hours		
			TM	Time and Materials		

Not Used   **CN102**   **782**   **Monetary Amount**   **O**   **R 1/18**

Monetary amount

Not Used   **CN103**   **332**   **Percent**   **O**   **R 1/6**

Percent expressed as a percent

Not Used   **CN104**   **127**   **Reference Identification**   **O**   **AN 1/30**

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Not Used   **CN105**   **338**   **Terms Discount Percent**   **O**   **R 1/6**

Terms discount percentage, expressed as a percent, available to the purchaser if an invoice is paid on or before the Terms Discount Due Date

Not Used   **CN106**   **799**   **Version Identifier**   **O**   **AN 1/30**

Revision level of a particular format, program, technique or algorithm

	Segment:	**PO3** Additional Item Detail

Segment: **PO3** Additional Item Detail

Position: 030

Loop: PO1   Mandatory

Level: Detail

Usage: Optional

Max Use: 25

Purpose: To specify additional item-related data involving variations in normal price/quantity structure

Syntax Notes: 1   If PO304 is present, then at least one of PO303 or PO305 is required.

Semantic Notes:

Comments: 1   Some examples of price/quantity variations are: price in different units from the PO1 segment, price changes by date, or price changes by quantity (break and level).

     2   PO307 defines the unit of measure for PO306.

Notes: *Use this segment to provide additional information applicable to the CLIN, SUBCLIN, or ELIN specified in PO101.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	PO301	371	**Change Reason Code**	M ID 2/2

Code specifying the reason for price or quantity change

     AQ   Alternate Quantity and Unit of Measure

     Use to specify that the CLIN or SUBCLIN has an alternate quantity and unit of measure (e.g. PO102/03 could cite 10,000 LB and PO306/07 could cite 10 SH. Both quantities and units of measure are applicable to the item being solicited - steel plates).

     EV   Estimated Quantity

     Use to indicate the quantity cited in PO102 is an estimated quantity.

     UP   Unit Price

     Use in conjunction with PO303 and PO304 to indicate that the price cited in PO304 is currently available for ordering this item pursuant to a Federal Supply Schedule or other award instrument.

	Ref. Des.	Data Element	Name	Attributes
Not Used	PO302	373	**Date**	O DT 8/8

Date expressed as CCYYMMDD

	Ref. Des.	Data Element	Name	Attributes
	PO303	236	**Price Identifier Code**	X ID 3/3

Code identifying pricing specification

Use in conjunction with PO301 code UP.

     GOV   Government Price

| | **PO304** | **212** | **Unit Price** | **O** | **R 1/17** |

Price per unit of product, service, commodity, etc.

Use in conjunction with PO301 code UP.

| **Not Used** | **PO305** | **639** | **Basis of Unit Price Code** | **X** | **ID 2/2** |

Code identifying the type of unit price for an item

| **Must Use** | **PO306** | **380** | **Quantity** | **M** | **R 1/15** |

Numeric value of quantity

1. When PO301 is code EV or UP, repeat the quantity cited in PO102.

2. When PO301 is code AQ, cite the applicable quantity.

| **Must Use** | **PO307** | **355** | **Unit or Basis for Measurement Code** | **M** | **ID 2/2** |

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

1. Use any code other than code ZZ.

2. Due to the mandatory nature of this data element, when PO301 is code EV or UP, repeat the unit of measure cited in PO103.

3. An application program conversion table may be required to convert agency codes to ASC X12 codes.

Refer to 004010 Data Element Dictionary for acceptable code values.

| **Not Used** | **PO308** | **352** | **Description** | **O** | **AN 1/80** |

A free-form description to clarify the related data elements and their content

Segment:	**CTP** Pricing Information
Position:	040
Loop:	PO1 Mandatory
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify pricing information

Syntax Notes:
1. If either CTP04 or CTP05 is present, then the other is required.
2. If CTP06 is present, then CTP07 is required.
3. If CTP09 is present, then CTP02 is required.
4. If CTP10 is present, then CTP02 is required.
5. If CTP11 is present, then CTP03 is required.

Semantic Notes:
1. CTP07 is a multiplier factor to arrive at a final discounted price. A multiplier of .90 would be the factor if a 10% discount is given.
2. CTP08 is the rebate amount.

Comments:
1. See Figures Appendix for an example detailing the use of CTP03 and CTP04. See Figures Appendix for an example detailing the use of CTP03, CTP04 and CTP07.

Notes: *Use this segment to signal to prospective offerors that a variety of prices are being solicited, e.g., step-ladder prices (prices based on a range of solicited quantities), zone prices (prices based on deliveries to various geographic locations), or labor rates for categories of labor an offeror may propose for a time and materials or labor hour award instrument. It is also used to request the offeror to specify quantities at which he offers a price break, or to indicate that his catalog price along with his quoted price is required in his proposal.*

Example of how prices are solicited for step ladder quantities for quantities 1-10, 11-20, 21-30, and 31-50:

CTP**PBQ**1*EA N/L
CTP**ICL**10*EA N/L
CTP**ICL**20*EA N/L
CTP**ICL**30*EA N/L
CTP**MAX**50*EA N/L

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Not Used	CTP01	687	**Class of Trade Code**	O	ID 2/2
			Code indicating class of trade		
Must Use	CTP02	236	**Price Identifier Code**	X	ID 3/3
			Code identifying pricing specification		

Use to identify the type of prices an offeror is required to submit in his quote.

CAT   Catalog Price

Use to indicate the offeror, in addition to his

quoted price, is to provide his catalog price for the item specified in PO101.

ICL   Unit Price Through Quantity

1. When prices are being solicited for quantity ranges applicable to step ladder pricing, use to indicate the end of a quantity range.

2. Use in conjunction with codes PBQ and MAX for step ladder pricing. Step ladder pricing is defined as the price specified for the quantity range containing the quantity purchased, applying to all the items purchased. Use of codes ICL, MAX and PBQ is in contrast to use of code PAQ which identifies quantities at which different prices are applied.

LAR   Labor Rate

Use to indicate the offeror is to provide hourly labor rates for the labor categories quoted. These labor rates will be provided in the PD/PDD loop of the 843 transaction set.

LPP   Lease to Purchase Price

MAX   Maximum Order Quantity Price

1. When prices are being solicited for quantity ranges applicable to step ladder pricing, use to indicate the quantity above which the price will not change.

2. Use in conjunction with codes ICL and PBQ for step ladder pricing. Step ladder pricing is defined as the price specified for the quantity range containing the quantity purchased, applying to all the items purchased. Use of codes ICL, MAX and PBQ is in contrast to use of code PAQ which identifies quantities at which different prices are applied.

PAQ   Price Break Quantity(s)

Use to indicate that the offeror is to identify a quantity where an incremental price break occurs. For example, if price breaks occur at quantities 11, 21, 31, etc., then for a purchase quantity of 25, the first 10 units are at the first price, the next 10 units are at the second price and the last 5 units are at the third price. This is in contrast to step ladder prices where all 25 units are one price.

PBQ   Unit Price Beginning Quantity

			1. When prices are being solicited for quantity ranges applicable to step ladder pricing, use to indicate the beginning of a quantity range.			
			2. Use in conjunction with codes ICL and MAX for step ladder pricing. Step ladder pricing is defined as the price specified for the quantity range containing the quantity purchased, applying to all the items purchased. Use of codes ICL, MAX and PBQ is in contrast to use of code PAQ which identifies quantities at which different prices are applied.			
		RPP	Replacement Price			
			Use to indicate the acquisition cost to replace the item identified in the PO1 segment being repaired or overhauled.			
		ZNP	Zone Price			
			Use in conjunction with CTP10 to indicate that prices are being solicited for delivery to the zone cited in CTP10. This is the total price of the item and is based on standard commercial packaging and preservation.			

Not Used	CTP03	212	**Unit Price**	**X**	**R 1/17**

Price per unit of product, service, commodity, etc.

	CTP04	380	**Quantity**	**X**	**R 1/15**

Numeric value of quantity

When CTP02 is code LAR and CTP05 is code HR, cite "1".

	CTP05	C001	**Composite Unit of Measure**	**X**	

To identify a composite unit of measure (See Figures Appendix for examples of use)

Must Use	C00101	355	**Unit or Basis for Measurement Code**	**M**	**ID 2/2**

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

1. Use any code other than code ZZ.

2. A conversion table may be required to convert agency codes to ASC X12 codes.

HR   Hours
When CTP02 is code LAR, use to indicate the offeror is to provide the estimated number of hours applicable to the effort being solicited. The estimated labor hours will be provided in the PD/PDD loop of the 843 transaction set.

Refer to 004010 Data Element Dictionary for acceptable code values.

Not Used	C00102	1018	**Exponent**	O	R 1/15
			Power to which a unit is raised		
Not Used	C00103	649	**Multiplier**	O	R 1/10
			Value to be used as a multiplier to obtain a new value		
Not Used	C00104	355	**Unit or Basis for Measurement Code**	O	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
Not Used	C00105	1018	**Exponent**	O	R 1/15
			Power to which a unit is raised		
Not Used	C00106	649	**Multiplier**	O	R 1/10
			Value to be used as a multiplier to obtain a new value		
Not Used	C00107	355	**Unit or Basis for Measurement Code**	O	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
Not Used	C00108	1018	**Exponent**	O	R 1/15
			Power to which a unit is raised		
Not Used	C00109	649	**Multiplier**	O	R 1/10
			Value to be used as a multiplier to obtain a new value		
Not Used	C00110	355	**Unit or Basis for Measurement Code**	O	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
Not Used	C00111	1018	**Exponent**	O	R 1/15
			Power to which a unit is raised		
Not Used	C00112	649	**Multiplier**	O	R 1/10
			Value to be used as a multiplier to obtain a new value		
Not Used	C00113	355	**Unit or Basis for Measurement Code**	O	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
Not Used	C00114	1018	**Exponent**	O	R 1/15
			Power to which a unit is raised		
Not Used	C00115	649	**Multiplier**	O	R 1/10
			Value to be used as a multiplier to obtain a new value		
Not Used	CTP06	648	**Price Multiplier Qualifier**	O	ID 3/3
			Code indicating the type of price multiplier		
Not Used	CTP07	649	**Multiplier**	X	R 1/10
			Value to be used as a multiplier to obtain a new value		
Not Used	CTP08	782	**Monetary Amount**	O	R 1/18
			Monetary amount		
Not Used	CTP09	639	**Basis of Unit Price Code**	O	ID 2/2
			Code identifying the type of unit price for an item		
	CTP10	499	**Condition Value**	O	AN 1/10

Identifies rate restrictions or provisions

Use in conjunction with CTP02 code ZNP, to identify the delivery zone for which prices are being solicited.

Not Used   **CTP11**   **289**   **Multiple Price Quantity**   **O** **N0 1/2**

Quantity of units for a given price, e.g., 3 for $10.00

Segment:	**CTB** Restrictions/Conditions		
Position:	047		
Loop:	PO1	Mandatory	
Level:	Detail		
Usage:	Optional		
Max Use:	>1		
Purpose:	To specify restrictions/conditions (such as shipping, ordering)		
Syntax Notes:	1	At least one of CTB02 CTB04 or CTB06 is required.	
	2	If either CTB03 or CTB04 is present, then the other is required.	
	3	If either CTB05 or CTB06 is present, then the other is required.	
Semantic Notes:			
Comments:			
Notes:	*Use this segment to identify ordering restrictions that apply to a specific line item.*		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	CTB01	688	**Restrictions/Conditions Qualifier**	**M ID 2/2**
			Code identifying the type of restriction/condition	
			OR Ordering	
Not Rec	CTB02	352	**Description**	**X AN 1/80**
			A free-form description to clarify the related data elements and their content	

1. Use, if necessary, to identify restrictions/conditions that cannot be identified in a codified form or to provide additional information related to a restriction/condition.

2. Use of free form text is discouraged if the information can be provided by means of codes or data values within the transaction set.

	CTB03	673	**Quantity Qualifier**	**X ID 2/2**
			Code specifying the type of quantity	

If either code MN or 3W are cited in this data element, another repetition of this segment is REQUIRED citing the other code in this data element.

3W	Maximum Transfer	

Use in conjunction with CTB03 code MN to indicate a limited line item quantity that can be ordered in a specified time period per FAR 16.503 and 504.

57	Minimum Order Quantity	

Use to indicate the required minimum line item quantity per order.

70	Maximum Order Quantity	

Use to indicate the allowable maximum line item

quantity per order per FAR clause 52.216-19.

		MN	Month

Use in conjunction with CTB03 code 3W to indicate the number of months over which a specified limited line item quantity may be ordered, e.g., no more than 500 units per month per FAR 16.503 and 504.

CTB04	**380**	**Quantity**		**X R 1/15**
		Numeric value of quantity		
CTB05	**522**	**Amount Qualifier Code**		**X ID 1/3**
		Code to qualify amount		
		MA	Maximum Amount	

Use to indicate the allowable line item maximum monetary amount per order per FAR clause 52.216 -19.

		MO	Minimum Order Value
			Minimum value of order allowed

Use to indicate the required line item minimum monetary amount per order.

CTB06	**610**	**Amount**		**X N2 1/15**
		Monetary amount		

Segment:	**MEA** Measurements
Position:	049
Loop:	PO1 Mandatory
Level:	Detail
Usage:	Optional
Max Use:	40
Purpose:	To specify physical measurements or counts, including dimensions, tolerances, variances, and weights (See Figures Appendix for example of use of C001)
Syntax Notes:	1 At least one of MEA03 MEA05 MEA06 or MEA08 is required.
	2 If MEA05 is present, then MEA04 is required.
	3 If MEA06 is present, then MEA04 is required.
	4 If MEA07 is present, then at least one of MEA03 MEA05 or MEA06 is required.
	5 Only one of MEA08 or MEA03 may be present.
Semantic Notes:	1 MEA04 defines the unit of measure for MEA03, MEA05, and MEA06.
Comments:	1 When citing dimensional tolerances, any measurement requiring a sign (+ or -), or any measurement where a positive (+) value cannot be assumed, use MEA05 as the negative (-) value and MEA06 as the positive (+) value.
Notes:	*1. Use this segment to provide information that applies to a specific line item. Use the 1/MEA/200 segment to provide information that applies to all of the line items.*
	2. This segment can be used to specify various measurements of the product; to specify the maximum size standards for the Standard Industrial Classification (SIC) Code or the North American Industry Classification System Code; to specify the length of a required warranty; and to specify the variations in quantity permitted when it is expressed as a discrete value.
	3. Codes used at this location may not be used in the 1/MEA/200 segment.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	MEA01	737	**Measurement Reference ID Code**	O ID 2/2

Code identifying the broad category to which a measurement applies

Use any code.

CS   Core Size
Use in conjunction with the 2/N9/320 segment, N901 code 87 or code IJ, to indicate the size standard for the cited code.

QV   Variation in Quantity
Use in conjunction with MEA05 and/or MEA06 to indicate variations in quantity permitted when it is expressed as a discrete quantity. Use the 2/PCT/510 segment to specify variations in quantity permitted when it is expressed as a percent.

> *WR   Warranty*
> *Use in conjunction with the 2/CSH/142 segment, CSH01 code WY and*
> *MEA03/04-1 to indicate a warranty period.*

Refer to 004010 Data Element Dictionary for acceptable code values.

| Not Used | MEA02 | 738 | **Measurement Qualifier** | | O | ID 1/3 |

Code identifying a specific product or process characteristic to which a measurement applies

| | MEA03 | 739 | **Measurement Value** | | X | R 1/20 |

The value of the measurement

| Must Use | MEA04 | C001 | **Composite Unit of Measure** | | X | |

To identify a composite unit of measure (See Figures Appendix for examples of use)

| Must Use | C00101 | 355 | **Unit or Basis for Measurement Code** | | M | ID 2/2 |

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

> *1. Use any code other than code ZZ. Use the listed codes in accordance*
> *with the code notes.*
>
> *IE   Person*
> *Use in conjunction with MEA01 code CS, to indicate the SIC or NAICS*
> *size standard in terms of number of employees.*
>
> *R5   Thousands of Dollars*
> *Use in conjunction with MEA01 code CS, to indicate the SIC or NAICS*
> *size standard in terms of dollar amount of sales.*
>
> *2. When MEA01 is code QV, cite the same unit of measure identified*
> *in PO103.*
>
> *3. Use codes DA, LL, MO, and YR in conjunction with MEA01 code*
> *WR.*
>
> *4. An application program conversion table may be required to convert*
> *agency codes to ASC X12 codes.*

Refer to 004010 Data Element Dictionary for acceptable code values.

| Not Used | C00102 | 1018 | **Exponent** | | O | R 1/15 |

Power to which a unit is raised

| Not Used | C00103 | 649 | **Multiplier** | | O | R 1/10 |

Value to be used as a multiplier to obtain a new value

| Not Used | C00104 | 355 | **Unit or Basis for Measurement Code** | | O | ID 2/2 |

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

| Not Used | C00105 | 1018 | **Exponent** | | O | R 1/15 |

Power to which a unit is raised

Not Used	C00106	649	**Multiplier**	O	R 1/10

Value to be used as a multiplier to obtain a new value

Not Used	C00107	355	**Unit or Basis for Measurement Code**	O	ID 2/2

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

Not Used	C00108	1018	**Exponent**	O	R 1/15

Power to which a unit is raised

Not Used	C00109	649	**Multiplier**	O	R 1/10

Value to be used as a multiplier to obtain a new value

Not Used	C00110	355	**Unit or Basis for Measurement Code**	O	ID 2/2

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

Not Used	C00111	1018	**Exponent**	O	R 1/15

Power to which a unit is raised

Not Used	C00112	649	**Multiplier**	O	R 1/10

Value to be used as a multiplier to obtain a new value

Not Used	C00113	355	**Unit or Basis for Measurement Code**	O	ID 2/2

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

Not Used	C00114	1018	**Exponent**	O	R 1/15

Power to which a unit is raised

Not Used	C00115	649	**Multiplier**	O	R 1/10

Value to be used as a multiplier to obtain a new value

	MEA05	740	**Range Minimum**	X	R 1/20

The value specifying the minimum of the measurement range

Use in conjunction with MEA01 code QV, to specify the variation in quantity under.

	MEA06	741	**Range Maximum**	X	R 1/20

The value specifying the maximum of the measurement range

Use in conjunction with MEA01 code QV, to specify the variation in quantity over.

Not Used	MEA07	935	**Measurement Significance Code**	O	ID 2/2

Code used to benchmark, qualify or further define a measurement value

Not Used	MEA08	936	**Measurement Attribute Code**	X	ID 2/2

Code used to express an attribute response when a numeric measurement value cannot be determined

Not Used	MEA09	752	**Surface/Layer/Position Code**	O	ID 2/2

Code indicating the product surface, layer or position that is being described

Not Used	MEA10	1373	**Measurement Method or Device**	O	ID 2/4

The method or device used to record the measurement

Segment:	**PID** Product/Item Description
Position:	050
Loop:	PID Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To describe a product or process in coded or free-form format

Syntax Notes:
1. If PID04 is present, then PID03 is required.
2. At least one of PID04 or PID05 is required.
3. If PID07 is present, then PID03 is required.
4. If PID08 is present, then PID04 is required.
5. If PID09 is present, then PID05 is required.

Semantic Notes:
1. Use PID03 to indicate the organization that publishes the code list being referred to.
2. PID04 should be used for industry-specific product description codes.
3. PID08 describes the physical characteristics of the product identified in PID04. A "Y" indicates that the specified attribute applies to this item; an "N" indicates it does not apply. Any other value is indeterminate.
4. PID09 is used to identify the language being used in PID05.

Comments:
1. If PID01 equals "F", then PID05 is used. If PID01 equals "S", then PID04 is used. If PID01 equals "X", then both PID04 and PID05 are used.
2. Use PID06 when necessary to refer to the product surface or layer being described in the segment.
3. PID07 specifies the individual code list of the agency specified in PID03.

Notes: *Use this segment to provide information applicable to a specific line item.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	PID01	349	**Item Description Type**	M ID 1/1

Code indicating the format of a description

F		Free-form
S		Structured (From Industry Code List)

	Ref. Des.	Data Element	Name	Attributes
Not Used	PID02	750	**Product/Process Characteristic Code**	O ID 2/3

Code identifying the general class of a product or process characteristic

	Ref. Des.	Data Element	Name	Attributes
	PID03	559	**Agency Qualifier Code**	X ID 2/2

Code identifying the agency assigning the code values

Use in conjunction with PID04.

EP		United States Environmental Protection Agency (EPA)
FG		Federal Government

	Ref. Des.	Data Element	Name	Attributes
	PID04	751	**Product Description Code**	X AN 1/12

A code from an industry code list which provides specific data about a product characteristic

			When PID03 is code FG, cite a code from Federal Procurement Code List 1 (FP1).		
	PID05	**352**	**Description**	**X**	**AN 1/80**
			A free-form description to clarify the related data elements and their content		
			Use of free form text is discouraged if the information can be provided by means of codes or data values within the transaction set.		
Not Used	**PID06**	**752**	**Surface/Layer/Position Code**	**O**	**ID 2/2**
			Code indicating the product surface, layer or position that is being described		
Not Used	**PID07**	**822**	**Source Subqualifier**	**O**	**AN 1/15**
			A reference that indicates the table or text maintained by the Source Qualifier		
Not Used	**PID08**	**1073**	**Yes/No Condition or Response Code**	**O**	**ID 1/1**
			Code indicating a Yes or No condition or response		
Not Used	**PID09**	**819**	**Language Code**	**O**	**ID 2/3**
			Code designating the language used in text, from a standard code list maintained by the International Standards Organization (ISO 639)		

Segment:	**PWK** Paperwork
Position:	070
Loop:	PO1 Mandatory
Level:	Detail
Usage:	Optional
Max Use:	25
Purpose:	To identify the type or transmission or both of paperwork or supporting information
Syntax Notes:	1 If either PWK05 or PWK06 is present, then the other is required.
Semantic Notes:	
Comments:	1 PWK05 and PWK06 may be used to identify the addressee by a code number.
	2 PWK07 may be used to indicate special information to be shown on the specified report.
	3 PWK08 may be used to indicate action pertaining to a report.
Notes:	*1. Use this 2/PWK/070 segment to provide paperwork information that applies to a specific line item, Use the 1/PWK/210 segment to specify paperwork that is applicable to all of the line items.*
	2. Use this segment to identify paperwork required to be provided by the offeror in response to the solicitation, or paperwork that will be required under the resultant procurement instrument, or paperwork being provided as part of the solicitation and, if necessary, how that paperwork will be transmitted.
	3. Codes used in PWK01 at this location may not be used in the 1/PWK/210 segment.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	PWK01	755	**Report Type Code**	M ID 2/2

Code indicating the title or contents of a document, report or supporting item

Use to identify the type of paperwork that must be provided by the offeror or is being provided by the buying party.

25	Purchase Plan	

Use in conjunction with PWK08-1, code 5, to indicate a make or buy plan.

35	Subcontractor Plan	

Use in conjunction with PWK08-1, code 5.

AE	Attachment	

Use in conjunction with PWK07 and PWK08-1, code PV, to indicate some additional document, e.g., list of government furnished property, applicable to the solicitation is being sent by means other than within the transaction set.

C1	Cost Data Summary	

Use in conjunction with PWK08-1, code 5, to indicate non-certified cost and price data.

C5   Certified Cost and Price Data

Use in conjunction with PWK08-1, code 5.

C6   Wage Determination

Use in conjunction with the 2/N9/320 segment, N901 code 2Y, and PWK08-1 code PV, to indicate a Department of Labor Wage Determination.

CP   Certificate of Compliance (Material Certification)

Use in conjunction with PWK08-1, code 2, to indicate a Certificate of Conformance.

DW   Drawing(s)

Use in conjunction with PWK08-1, code PV.

IT   Certified Inspection and Test Results

Use in conjunction with PWK08-1, code 2.

KA   Contract Data Requirements List (CDRL)

Use in conjunction with PWK08-1, code PV, to indicate that attachments applicable to a Contract Data Requirements List (CDRL) will be provided.

MR   Material Inspection and Receiving Report

Use in conjunction with PWK08-1, code 2.

MS   Material Safety Data Sheet

Use in conjunction with PWK08-1, code 5.

PD   Proof of Delivery

Use in conjunction with PWK08-1, code 2.

PJ   Purchasing Specification

Specifications, generated by a customer, setting acceptance limits on the properties or performance of the product being purchased; purchasing specifications may additionally supply instructions for packaging, transportation, delivery, and payments

Use in conjunction with PWK08-1, code PV, to indicate a Statement of Work (SOW).

PM   Proof of Insurance

Use in conjunction with PWK08-1, code 5.

SD   Support Data for a Request for Quote

Use in conjunction with PWK08-1, code PV, to indicate that supporting technical documentation, e.g., engineering data list, bill of materials, etc., are being provided by the buying party.

SN   Shipping Notice

Use in conjunction with PWK08-1, code 2.

	SP	Specification			

Use in conjunction with PWK08-1, code PV.

| | TO | Demand Report | | | |

Use in conjunction with PWK08-1, code 2, to indicate a Contract Data Requirement List (CDRL) deliverable.

| | UA | Union Agreement | | | |

Use in conjunction with PWK08-1, code 5.

| | US | "BUY AMERICA" Certification of Compliance | | | |

Use in conjunction with PWK08-1, code 5.

PWK02   **756**   **Report Transmission Code**   **O**   **ID 1/2**

Code defining timing, transmission method or format by which reports are to be sent

While any listed code can be used, code EL is preferred when the indicated paperwork can be provided electronically using one of the transaction sets specifically designed for the purpose.

| | BM | By Mail |

Use to indicate transmittal via the USPS.

| | CF | Courier |

Use to indicate transmittal via commercial express courier.

| | DA | Data |

Use in conjunction with PWK07, to indicate other forms of electronic transfer.

| | EL | Electronically Only |

1. Use to indicate that data has been or should be sent by a separate EDI transaction set.

2. If the data has been sent by a separate EDI transaction set, use in conjunction with the 2/N9/320 segment N901 code TN to identify the unique number of the transaction set.

| | EM | E-Mail |
| | FT | File Transfer |

Use to indicate File Transfer Protocol (FTP).

| | FX | By Fax |
| | IA | Electronic Image |

Use in conjunction with PWK07, to indicate the World Wide Web.

| | WS | With Shipment (With Package) |

PWK03   **757**   **Report Copies Needed**   **O**   **N0 1/2**

The number of copies of a report that should be sent to the addressee

The number of copies is assumed to be 1 unless a greater number is specified in this data element.

PWK04	**98**	**Entity Identifier Code**	**O**	**ID 2/3**

Code identifying an organizational entity, a physical location, property or an individual

Use in conjunction with the same N101 code values in the 1/N1/310 or 2/N1/340 segment to identify the recipient of the paperwork. If there is more than one recipient for the same paperwork item, use multiple repetitions of the PWK segment with the same report code in PWK01. Optionally, provide the communications number of the recipient in either the 1/PER/360 or 2/PER/390 segment.

7D	Contracting Officer Representative
BY	Buying Party (Purchaser)

Use to indicate the Contracting Officer.

C4	Contract Administration Office

Established at either a contractor facility or in a geographic area, and responsible for administering on behalf of the buying activities that assigned contracts for administration and all contracts awarded to either the specific contractor or all contractors in the geographic area

HMI	Material Safety Data Sheet (MSDS) Recipient

Use in conjunction with PWK01 code MS to indicate the Agency's Hazardous Material Information System (HMIS) central focal point to whom Material Safety Data Sheets are to be sent.

IS	Party to Receive Certified Inspection Report

Use when PWK01 is code IT or MR.

KF	Audit Office

The office performing the audit

KG	Project Manager

The address of the person responsible for the management of a designated project

Use to indicate the government party responsible for a project including the Advisor under a Grant.

KY	Technical Office
PA	Party to Receive Inspection Report
PC	Party to Receive Cert. of Conformance (C.A.A.)
SM	Party to Receive Shipping Manifest
ZD	Party to Receive Reports

The organization designated to receive reports

Not Used	**PWK05**	**66**	**Identification Code Qualifier**	**X ID 1/2**

Code designating the system/method of code structure used for

Identification Code (67)

Not Used	PWK06	67	**Identification Code**		X	**AN 2/80**

Code identifying a party or other code

	PWK07	352	**Description**		O	**AN 1/80**

A free-form description to clarify the related data elements and their content

1. Use only if necessary to provide additional information or instructions applicable to a specific paperwork item.

2. When PWK01 is code AE, use to identify the document.

3. When PWK02 is code DA, use to identify the other form of electronic transfer.

4. When PWK02 is code IA, use to identify the Universal Resource Locator (URL).

5. Use of free form text is discouraged if the information can be provided by means of codes or data values within the transaction set.

Must Use	PWK08	C002	**Actions Indicated**		O	

Actions to be performed on the piece of paperwork identified

Must Use	C00201	704	**Paperwork/Report Action Code**		M	**ID 1/2**

Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required

2	Report to be Filed

Use in conjunction with PWK01 codes CP, IT, MR, PD, SN, or TO, to indicate the specified paperwork will be required under the resultant award instrument.

5	Generate

Use in conjunction with PWK01 codes 25, 35, C1, C5, MS, PM, UA, or US, to indicate the specified paperwork must be provided in the response to this solicitation.

PV	Provided

Use in conjunction with PWK01 codes AE, C6, DW, KA, PJ, SD, or SP, to indicate the specified paperwork will be provided by the buyer.

Not Used	C00202	704	**Paperwork/Report Action Code**		O	**ID 1/2**

Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required

Not Used	C00203	704	**Paperwork/Report Action Code**		O	**ID 1/2**

Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required

Not Used   C00204   704   Paperwork/Report Action Code   O   ID 1/2

Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required

Not Used   C00205   704   Paperwork/Report Action Code   O   ID 1/2

Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required

Not Used   PWK09   1525   Request Category Code   O   ID 1/2

Code indicating a type of request

Segment:	**PKG** Marking, Packaging, Loading		
Position:	080		
Loop:	PO1	Mandatory	
Level:	Detail		
Usage:	Optional		
Max Use:	200		
Purpose:	To describe marking, packaging, loading, and unloading requirements		
Syntax Notes:	1	At least one of PKG04 PKG05 or PKG06 is required.	
	2	If PKG04 is present, then PKG03 is required.	
	3	If PKG05 is present, then PKG01 is required.	
Semantic Notes:	1	PKG04 should be used for industry-specific packaging description codes.	
Comments:	1	Use the MEA (Measurements) Segment to define dimensions, tolerances, weights, counts, physical restrictions, etc.	
	2	If PKG01 equals "F", then PKG05 is used. If PKG01 equals "S", then PKG04 is used. If PKG01 equals "X", then both PKG04 and PKG05 are used.	
	3	Use PKG03 to indicate the organization that publishes the code list being referred to.	
	4	Special marking or tagging data can be given in PKG05 (description).	
Notes:			

1. Packaging information such as the number of items in a unit container; the number of unit containers in an intermediate container; and the gross weight, cube and dimensions of a unit or intermediate container is carried in the 2/PO4/090 segment.

2. The use of MILSTD 2073-1C codes to identify packaging requirements for items in this award instrument are primarily for items that are expected to enter the military distribution system. Commercial packaging is expected to be used to the maximum extent possible for all other items.

3. Commercial packaging requirements are specified by citing PKG02 code PK, PKG03 code DF, and PKG04 code U.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
PKG01	**349**	**Item Description Type**	**X ID 1/1**
		Code indicating the format of a description	
		F	Free-form
		S	Structured (From Industry Code List)
		X	Semi-structured (Code and Text)
PKG02	**753**	**Packaging Characteristic Code**	**O ID 1/5**
		Code specifying the marking, packaging, loading and related characteristics being described	
		Use the listed codes to identify the applicable packaging requirements.	
		CD	Cleaning or Drying Procedure
		CT	Cushioning Thickness

	CUD	Cushioning and Dunnage
	IC	Intermediate Container
	OPI	Optional Procedure Indicator
	PK	Packing

> *To specify commercial packaging, cite code DF in PKG03 and code U in PKG04.*

	PM	Preservation Method
	PML	Preservation Material
	SMK	Special Marking
	UC	Unit Container
	UCL	Unit Container Level
	WM	Wrapping Material

PKG03   559   Agency Qualifier Code   X   ID 2/2

Code identifying the agency assigning the code values

> *Use in conjunction with PKG04.*

	DF	Department of Defense (DoD)
	GS	General Services Administration (GSA)
		Responsible for Federal Specification
	ZZ	Mutually Defined

> *Use in conjunction with PKG05 to indicate a federal activity other than DoD or GSA.*

PKG04   754   Packaging Description Code   X   AN 1/7

A code from an industry code list which provides specific data about the marking, packaging or loading and unloading of a product

> *1. When PKG03 is code DF, cite a code from X12 Code Source List 197 (MIL-STD 2073-1C).*
>
> *2. Whenever a code is used in PKG04 requires an explanation or additional information, provide it in PKG05.*

PKG05   352   Description   X   AN 1/80

A free-form description to clarify the related data elements and their content

> *1. Use to provide Supplemental Instructions or Special Packaging Instructions. If the information to be provided exceeds the maximum length of this data element, provide the information in the 2/N9/320 loop, using code KD in N901.*
>
> *2. When PKG03 is code ZZ, use to identify the federal activity who is assigning the packaging code values, and to identify the code source where the codes can be found.*
>
> *3. Use of free form text is discouraged if the information can be provided by some other means within the transaction set.*

PKG06   **400**   **Unit Load Option Code**   **X   ID 2/2**

Code identifying loading or unloading a shipment

    01   Palletized

    10   Shrink-wrap

Segment:	**PO4** Item Physical Details
Position:	090
Loop:	PO1 Mandatory
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify the physical qualities, packaging, weights, and dimensions relating to the item

Syntax Notes:	**1**	If either PO402 or PO403 is present, then the other is required.
	2	If PO405 is present, then PO406 is required.
	3	If either PO406 or PO407 is present, then the other is required.
	4	If either PO408 or PO409 is present, then the other is required.
	5	If PO410 is present, then PO413 is required.
	6	If PO411 is present, then PO413 is required.
	7	If PO412 is present, then PO413 is required.
	8	If PO413 is present, then at least one of PO410 PO411 or PO412 is required.
	9	If PO417 is present, then PO416 is required.
	10	If PO418 is present, then PO404 is required.
Semantic Notes:	**1**	PO415 is used to indicate the relative layer of this package or range of packages within the layers of packaging. Relative Position 1 (value R1) is the innermost package.
	2	PO416 is the package identifier or the beginning package identifier in a range of identifiers.
	3	PO417 is the ending package identifier in a range of identifiers.
	4	PO418 is the number of packages in this layer.
Comments:	**1**	PO403 - The "Unit or Basis for Measure Code" in this segment position is for purposes of defining the pack (PO401) /size (PO402) measure which indicates the quantity in the inner pack unit. For example: If the carton contains 24 12 -Ounce packages, it would be described as follows: Data element 356 = "24"; Data element 357 = "12"; Data element 355 = "OZ".
	2	PO413 defines the unit of measure for PO410, PO411, and PO412.

Notes:	*1. Use this segment to specify the weight, cube, or dimensions of the unit or intermediate pack, or the unit pack quantity or intermediate container quantity. To specify the unit pack quantity, use PO401 and PO404 (code UNT). If there are 50 pairs in a unit container, PO401 would cite 50 and PO404 would cite code UNT.*
	2. If it is necessary to specify not only the quantity of items in a unit container, but also the size and unit of measure of those items, use PO401, PO402, PO403, and PO404. In this instance, if there are 24, 12 ounce bottles in the unit container, PO401 would cite 24, PO402 would cite 12, PO403 would cite code OZ and PO404 would cite code UNT. In either of these examples, the number of unit containers in an intermediate container would be carried in PO414. If only the quantity per intermediate container is required, use code INT in PO404 and cite the quantity in PO414.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
PO401	356	**Pack**	**O N0 1/6**

The number of inner containers, or number of eaches if there are no inner containers, per outer container

1. Use to identify the unit pack quantity. Cite the actual quantity or cite one of the following to identify a special condition applicable to the unit pack quantity.

2. Cite the number 777777 (as the equivalent of MIL-STD 2073-1C code BLK) to indicate a bulk quantity.

3. Cite the number 888888 (as the equivalent of MIL-STD 2073-1C code YYY) to indicate "Packager's option as long as all other requirements are met".

4. Cite the number 999999 (as the equivalent of MIL-STD 2073-1C code ZZZ) to indicate "Special requirements - refer to supplemental data, special instructions or drawings provided".

Ref. Des.	Data Element	Name	Attributes
PO402	357	**Size**	**X R 1/8**

Size of supplier units in pack

Use only to identify the size of the individual items within a unit container.

Ref. Des.	Data Element	Name	Attributes
PO403	355	**Unit or Basis for Measurement Code**	**X ID 2/2**

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

1. Use any code other than code ZZ.

2. An application program conversion table may be required to convert agency codes to ASC X12 codes.

Refer to 004010 Data Element Dictionary for acceptable code values.

Ref. Des.	Data Element	Name	Attributes
PO404	103	**Packaging Code**	**X AN 3/5**

Code identifying the type of packaging; Part 1: Packaging Form, Part 2: Packaging Material; if the Data Element is used, then Part 1 is always required

    INT   Intermediate Container
    UNT   Unit

Ref. Des.	Data Element	Name	Attributes
PO405	187	**Weight Qualifier**	**O ID 1/2**

Code defining the type of weight

Use any code other than code Z.

Refer to 004010 Data Element Dictionary for acceptable code values.

Ref. Des.	Data Element	Name	Attributes
PO406	384	**Gross Weight per Pack**	**X R 1/9**

Numeric value of gross weight per pack

1. Use this data element to specify the weight of a container. The

weight shall be provided to 1 decimal place.

2. Use in conjunction with PO405.

| PO407 | 355 | Unit or Basis for Measurement Code | X | ID 2/2 |

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

1. Use any code other than code ZZ.

2. An application program conversion table may be required to convert agency codes to ASC X12 codes.

Refer to 004010 Data Element Dictionary for acceptable code values.

| PO408 | 385 | Gross Volume per Pack | X | R 1/9 |

Numeric value of gross volume per pack

Use to specify the cube of a container. The cube shall be provided to 3 decimal places.

| PO409 | 355 | Unit or Basis for Measurement Code | X | ID 2/2 |

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

1. Use any code other than code ZZ.

2. An application program conversion table may be required to convert agency codes to ASC X12 codes.

Refer to 004010 Data Element Dictionary for acceptable code values.

| PO410 | 82 | Length | X | R 1/8 |

Largest horizontal dimension of an object measured when the object is in the upright position

The length shall be specified to 1 decimal place.

| PO411 | 189 | Width | X | R 1/8 |

Shorter measurement of the two horizontal dimensions measured with the object in the upright position

The width shall be specified to 1 decimal place.

| PO412 | 65 | Height | X | R 1/8 |

Vertical dimension of an object measured when the object is in the upright position

Use to specify the depth of the container. The depth shall be specified to 1 decimal place.

| PO413 | 355 | Unit or Basis for Measurement Code | X | ID 2/2 |

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

1. Use any code other than code ZZ.

2. An application program conversion table may be required to convert agency codes to ASC X12 codes.

Refer to 004010 Data Element Dictionary for acceptable code values.

| | PO414 | 810 | **Inner Pack** | | O | N0 1/6 |

The number of eaches per inner container

> *1. Use to specify the quantity of unit containers in an intermediate container. Cite the actual quantity or cite one of the following to identify a special condition applicable to the intermediate container.*
>
> *2. Cite the number 666666 (as the equivalent of MIL-STD 2073-1C code AAA) to indicate "See Appendix B (B.5).*
>
> *3. Cite the number 777777 (as the equivalent of MIL-STD 2073-1C code XXX) to indicate "See method of preservation".*
>
> *4. Cite the number 888888 (as the equivalent of MIL-STD 2073-1C code YYY) to indicate "Packer's option as long as all other requirements are met".*
>
> *5. Cite the number 999999 (as the equivalent of MIL-STD 2073-1C code ZZZ) to indicate "Special requirements - see specific drawing or instruction provided".*

| Not Used | PO415 | 752 | **Surface/Layer/Position Code** | | O | ID 2/2 |

Code indicating the product surface, layer or position that is being described

| Not Used | PO416 | 350 | **Assigned Identification** | | X | AN 1/20 |

Alphanumeric characters assigned for differentiation within a transaction set

| Not Used | PO417 | 350 | **Assigned Identification** | | O | AN 1/20 |

Alphanumeric characters assigned for differentiation within a transaction set

| Not Used | PO418 | 1470 | **Number** | | O | N0 1/9 |

A generic number

Segment:	**PER** Administrative Communications Contact	
Position:	110	
Loop:	PO1	Mandatory
Level:	Detail	
Usage:	Optional	
Max Use:	3	
Purpose:	To identify a person or office to whom administrative communications should be directed	
Syntax Notes:	1	If either PER03 or PER04 is present, then the other is required.
	2	If either PER05 or PER06 is present, then the other is required.
	3	If either PER07 or PER08 is present, then the other is required.
Semantic Notes:		
Comments:		
Notes:	*Use this segment to provide names and communication numbers for points of contact applicable to a line item and which are not associated with an address.*	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	**PER01**	**366**	**Contact Function Code**	**M ID 2/2**

Code identifying the major duty or responsibility of the person or group named

AU	Report Authorizer	

Use in conjunction with the 2/P01/010 segment, code EF, which may appear in any DE 235 within the segment, to indicate the approver of a Contract Data Requirements List.

BD	Buyer Name or Department	

Use to indicate the Grants Management Specialist.

PI	Preparer	

A firm, organization, or individual who determines the tax liability from information supplied by the taxpayer

Use in conjunction with the 2/P01/010 segment, code EF which may appear in any DE 235 within the segment, to indicate the preparer of a Contract Data Requirements List.

	Ref. Des.	Data Element	Name	Attributes
	PER02	**93**	**Name**	**O AN 1/60**

Free-form name

Use to identify the name of a point of contact. Last name, followed by first name, is preferred. If the whole name is longer than 35 characters, the use of initials for the first name is recommended. PER09 may be used to cite the party's title.

	Ref. Des.	Data Element	Name	Attributes
	PER03	**365**	**Communication Number Qualifier**	**X ID 2/2**

Code identifying the type of communication number

TE   Telephone

PER04	**364**	**Communication Number**	**X**	**AN 1/80**

Complete communications number including country or area code when applicable

The telephone number shall be transmitted as a continuous number with no extraneous characters. Include the country code and area code. If an extension applies to the telephone number, concatenate the letter X plus the extension at the end of the number, e.g., 17035551212X123.

PER05	**365**	**Communication Number Qualifier**	**X**	**ID 2/2**

Code identifying the type of communication number

FX   Facsimile

PER06	**364**	**Communication Number**	**X**	**AN 1/80**

Complete communications number including country or area code when applicable

The fax number shall be transmitted as a continuous number with no extraneous characters. Include the country code and area code.

PER07	**365**	**Communication Number Qualifier**	**X**	**ID 2/2**

Code identifying the type of communication number

EM   Electronic Mail

PER08	**364**	**Communication Number**	**X**	**AN 1/80**

Complete communications number including country or area code when applicable

PER09	**443**	**Contact Inquiry Reference**	**O**	**AN 1/20**

Additional reference number or description to clarify a contact number

Use, if necessary, to provide an office symbol or the title of the party cited in PER02.

Segment:	**SAC** Service, Promotion, Allowance, or Charge Information	
Position:	130	
Loop:	PO1	Mandatory
Level:	Detail	
Usage:	Optional	
Max Use:	25	
Purpose:	To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge	

Syntax Notes:
1. At least one of SAC02 or SAC03 is required.
2. If either SAC03 or SAC04 is present, then the other is required.
3. If either SAC06 or SAC07 is present, then the other is required.
4. If either SAC09 or SAC10 is present, then the other is required.
5. If SAC11 is present, then SAC10 is required.
6. If SAC13 is present, then at least one of SAC02 or SAC04 is required.
7. If SAC14 is present, then SAC13 is required.
8. If SAC16 is present, then SAC15 is required.

Semantic Notes:
1. If SAC01 is "A" or "C", then at least one of SAC05, SAC07, or SAC08 is required.
2. SAC05 is the total amount for the service, promotion, allowance, or charge. If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence.
3. SAC08 is the allowance or charge rate per unit.
4. SAC10 and SAC11 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity. SAC10 and SAC11 used together indicate a quantity range, which could be a dollar amount, that is applicable to service, promotion, allowance, or charge.
5. SAC13 is used in conjunction with SAC02 or SAC04 to provide a specific reference number as identified by the code used.
6. SAC14 is used in conjunction with SAC13 to identify an option when there is more than one option of the promotion.
7. SAC16 is used to identify the language being used in SAC15.

Comments:
1. SAC04 may be used to uniquely identify the service, promotion, allowance, or charge. In addition, it may be used in conjunction to further the code in SAC02.
2. In some business applications, it is necessary to advise the trading partner of the actual dollar amount that a particular allowance, charge, or promotion was based on to reduce ambiguity. This amount is commonly referred to as "Dollar Basis Amount". It is represented in the SAC segment in SAC10 using the qualifier "DO" - Dollars in SAC09.

Notes:
1. Use this segment to solicit services, discounts, or potential non-CLIN charges (e.g., taxes) and if applicable, quantities applicable to a specific line item. If the services, discounts, or potential non-CLIN charges apply to all of the line items, use the 1/SAC/120 segment.

2. Offerors will respond in the quote with amounts and, if applicable, quantities, that apply to the services, discounts, or charges identified in this segment.

3. Codes used in SAC02 at this location, may not be used in the 1/SAC/120 segment.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	SAC01	248	**Allowance or Charge Indicator**	M ID 1/1

Code which indicates an allowance or charge for the service specified

    R   Allowance Request

> *Use to comply with the mandatory nature of this data element when soliciting a service, discount, or potential non-CLIN charges in SAC02 for which the bidder is to provide an amount in the offer.*

	Ref. Des.	Data Element	Name	Attributes
	SAC02	1300	**Service, Promotion, Allowance, or Charge Code**	X ID 4/4

Code identifying the service, promotion, allowance, or charge

> *Any code may be used. The following is a list of preferred codes:*
>
> *A310   Air Express Charge*
> *A320   Air Transportation Charge*
> *A480   Assembly*
> *B180   Cleaning Charge*
> *B870   Customs Charge*
> *B940   Cutting Charge*
> *C000   Defective Allowance*
> *C240   Disconnect Charge*
> *C260   Discount - Incentive*
> *Use to indicate a discount when payment is made using the government credit card.*
>
> *C300   Discount - Special*
> *Use to indicate an incremental quantity discount. An incremental quantity discount applies only to the quantity units within its specified range. Successive incremental discounts are applied against a total order quantity. For example, if different discounts are given for quantities, 1 - 10, 11 - 20, 21 - 30, etc., use of this code implies that for a quantity of 25, the first discount applies to the first 10 units, the second discount applies to the next 10 units and the third discount applies to the last 5 units. This is contrast to the F910 step ladder discount that applies a single discount to the total line item quantity.*
>
> *C310   Discount*
> *Use to indicate a general discount not related to a quantity or purchase amount. Offerors should not include any general discount within the C300 or F910 discount considerations.*
>
> *C330   Distribution Fee*
> *C370   Diversion Charge*
> *C580   Emergency Service*

C590   Emergency Surcharge
C830   Expanded Service
Use to indicate the cost for service beyond the basic area.

C880   Expediting Premium
D170   Free Goods
Use to indicate a quantity provided at no cost if a specified quantity or monetary value is purchased, e.g., buy $100.00 and get 1 free; or buy 10, get 1 free.

D290   Full Truckload Allowance
D440   Groupage Discount
Use to indicate a discount applicable to a line item total purchase amount meeting or exceeding a specified threshold or range.

D500   Handling
D530   Hazardous Cargo Charge
D660   Hook-up Charge
D820   Inside Delivery
D870   Inspection
D890   Installation and Training
D900   Installation
E340   Less Than Truckload (LTL) Charge
Use to indicate a charge for less than a full carload or truckload.

E400   Loading (Labor Charges)
E930   One-Day Service
F150   Packaging Service
F460   Postage
F560   Premium Transportation
F830   Proof of Delivery
Use to indicate a charge for preparation of a DD Form 250.

F910   Quantity Discount
Use to indicate a step ladder discount applicable to a quantity range. The discount specified for the quantity range containing the total line item quantity is the discount to be applied to the unit price. This is contrast to the C300 incremental discount that applies to that portion of the total line item quantity within each increment.

G030   Reconnect Charge
G350   Rents and Leases
G470   Restocking Charge
G530   Rework
G580   Royalties
G600   Same-Day Service
G610   Saturday Delivery
G660   Scrap Allowance

G740   Service Charge
Use to indicate a basic charge for a service call.

G760   Set-up
G870   Shrink Wrap Charge
H000   Special Allowance
H030   Special Credit
Use to indicate the portion of a lease amount that is credited toward the
purchase price on a lease with option to purchase (LWOP).

H110   Special Packaging
H170   Special Tooling Charge
H430   Storage
H550   Surcharge
H680   Tax - Governmental
Use to indicate that the offeror is required to identify the taxes
applicable to the total line item amount that are not included in the line
item unit price. The offeror is to specify the tax type in the 1/SAC/120
segment of the 843 transaction set by use of the appropriate code in
SAC02. Codes H680 and H850 may not be used by the offeror for this
purpose.

H850   Tax
Use to indicate that the offeror is required to identify total taxes
applicable to the total line item amount that are included in the line
item unit price. The offeror will use code H850 in SAC02 of the 843
transaction set to identify these total taxes.

H990   Testing Services Charge
I260   Transportation Direct Billing
I330   Two-Day Service
I380   Unloading (Labor Charges)
I590   Warranties
ZZZZ   Mutually Defined
Use to indicate a training charge.

Refer to 004010 Data Element Dictionary for acceptable code values.

Not Used	SAC03	559	**Agency Qualifier Code**	X	ID 2/2
			Code identifying the agency assigning the code values		
Not Used	SAC04	1301	**Agency Service, Promotion, Allowance, or Charge Code**	X	AN 1/10
			Agency maintained code identifying the service, promotion, allowance, or charge		
Not Used	SAC05	610	**Amount**	O	N2 1/15
			Monetary amount		
Not Used	SAC06	378	**Allowance/Charge Percent Qualifier**	X	ID 1/1
			Code indicating on what basis allowance or charge percent is calculated		

Not Used	SAC07	332	**Percent**	X	R 1/6

Percent expressed as a percent

Not Used	SAC08	118	**Rate**	O	R 1/9

Rate expressed in the standard monetary denomination for the currency specified

Not Used	SAC09	355	**Unit or Basis for Measurement Code**	X	ID 2/2

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

Not Used	SAC10	380	**Quantity**	X	R 1/15

Numeric value of quantity

Not Used	SAC11	380	**Quantity**	O	R 1/15

Numeric value of quantity

Not Used	SAC12	331	**Allowance or Charge Method of Handling Code**	O	ID 2/2

Code indicating method of handling for an allowance or charge

Not Used	SAC13	127	**Reference Identification**	X	AN 1/30

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Not Used	SAC14	770	**Option Number**	O	AN 1/20

A unique number identifying available promotion or allowance options when more than one is offered

Not Used	SAC15	352	**Description**	X	AN 1/80

A free-form description to clarify the related data elements and their content

Not Used	SAC16	819	**Language Code**	O	ID 2/3

Code designating the language used in text, from a standard code list maintained by the International Standards Organization (ISO 639)

Segment:	**CSH** Sales Requirements	
Position:	142	
Loop:	PO1 Mandatory	
Level:	Detail	
Usage:	Optional	
Max Use:	>1	
Purpose:	To specify general conditions or requirements of the sale	
Syntax Notes:	1	If CSH02 is present, then CSH03 is required.
	2	If either CSH06 or CSH07 is present, then the other is required.
	3	If either CSH09 or CSH10 is present, then the other is required.
Semantic Notes:	1	CSH03 is the maximum monetary amount value which the order must not exceed.
	2	CSH04 is the account number to which the purchase amount is charged.
	3	CSH05 is the date specified by the sender to be shown on the invoice.
	4	CSH06 identifies the source of the code value in CSH07.
Comments:		
Notes:	*1. Use this segment to specify sales conditions that apply to a line item.*	
	2. Codes used in CSH01 at this location may not be used in the 1/CSH/110 segment.	

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
CSH01	563	**Sales Requirement Code**	O ID 1/2

Code to identify a specific requirement or agreement of sale

BC	Restricted to Historically Black College or University or Minority Institution
EI	Restricted to Educational Institutions
IP	Restricted to Industrial Preparedness Program Participants
IS	Substitute Item Allowed

1. Use in conjunction with CSH08, code X, to indicate substitute items, including "or equal" items.

2. The absence of this code indicates substitute items are not allowed.

P2	Ship As Soon As Possible
P4	Do Not Preship
QB	On Qualified Bidders List

Use in conjunction with the 2/N9/320 segment, N901 code LX.

QM	On Qualified Manufacturers List

Use in conjunction with the 2/N9/320 segment,

			N901 code LX.		
		QP	Restricted to Qualified Products List (QPL) Products		
			Use in conjunction with the 2/N9/320 segment, N901 code LX.		
		SC	Ship Complete		
			Use to indicate partial shipments will not be accepted. The absence of this code indicates that partial quantities may shipped.		
		SI	Ship In-Place		
		UC	Restricted to U.S. and Canadian Sources		
		UL	Other Unlisted Sales Condition		
			Use in conjunction with the 2/N9/320 segment, N901 code KD and the 2/MSG/330 segment to indicate another sales condition is required. Identify the other sales condition in the 2/MSG/330 segment.		
		UP	Unrestricted Procurement		
		WY	Warranty		
		YI	Restricted to Young Investigator Program		
Not Used	CSH02	306	**Action Code**	O	ID 1/2
			Code indicating type of action		
Not Used	CSH03	610	**Amount**	X	N2 1/15
			Monetary amount		
Not Used	CSH04	508	**Account Number**	O	AN 1/35
			Account number assigned		
Not Used	CSH05	373	**Date**	O	DT 8/8
			Date expressed as CCYYMMDD		
	CSH06	559	**Agency Qualifier Code**	X	ID 2/2
			Code identifying the agency assigning the code values		
		AX	ANSI Accredited Standards Committee, X12		
	CSH07	560	**Special Services Code**	X	ID 2/10
			Code identifying the special service		
		NC	Notify Consignee Before Delivery		
			Use in conjunction with the 2/PER/390 segment, PER01 code RE, to indicate that the resulting award instrument will require the contractor to notify the consignee or other shipping contact in order to schedule a shipment.		
	CSH08	566	**Product/Service Substitution Code**	O	ID 1/2
			Code indicating product or service substitution conditions		
		A	No Quantity or Unit of Measure Change Allowed		
		X	Equivalent Item Substitution		

			Use in conjunction with CSH01 code IS, to indicate an "or equal" item.				
			Y	Alternate Item Substitution Allowed			
Not Used	**CSH09**	**954**	**Percent**		**X**	**R**	**1/10**
			Percentage expressed as a decimal				
Not Used	**CSH10**	**1004**	**Percent Qualifier**		**X**	**ID**	**1/2**
			Code to qualify percent				

Segment:	**FOB** F.O.B. Related Instructions	
Position:	180	
Loop:	PO1 Mandatory	
Level:	Detail	
Usage:	Optional	
Max Use:	>1	
Purpose:	To specify transportation instructions relating to shipment	

Syntax Notes:	1	If FOB03 is present, then FOB02 is required.
	2	If FOB04 is present, then FOB05 is required.
	3	If FOB07 is present, then FOB06 is required.
	4	If FOB08 is present, then FOB09 is required.
Semantic Notes:	1	FOB01 indicates which party will pay the carrier.
	2	FOB02 is the code specifying transportation responsibility location.
	3	FOB06 is the code specifying the title passage location.
	4	FOB08 is the code specifying the point at which the risk of loss transfers. This may be different than the location specified in FOB02/FOB03 and FOB06/FOB07.
Comments:		
Notes:		*1. Use this segment to specify the FOB point for a specific line item.*
		2. This segment is not used when the offer is for construction or a service without deliverables.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	FOB01	146	**Shipment Method of Payment**	M ID 2/2

Code identifying payment terms for transportation charges

DF   Defined by Buyer and Seller

Use this code only to satisfy the mandatory nature of this data element. The receiving application should not process this data. FOB terms are defined in the incorporated FOB FAR clause.

	Ref. Des.	Data Element	Name	Attributes
Must Use	FOB02	309	**Location Qualifier**	X ID 1/2

Code identifying type of location

Use to identify the FOB point.

DE   Destination (Shipping)

OA   Origin (After Loading on Equipment)

Use to indicate FOB Origin with transportation charges prepaid by the seller and added as a separate item to the invoice. See FAR clause 52.247-32.

OR   Origin (Shipping Point)

TM   Terminal

> *Use in conjunction with FOB03 to indicate that the FOB point for delivery outside the continental United States is located at a transportation terminal and not at origin or destination. FAR clauses 52.247-38, 52.247-39, or a similar FAR clause may apply.*

| | | W | | Worldwide Geographic Location Code |

> *Use to indicate the FOB point for deliveries within the continental United States is destination and the FOB point for deliveries outside the continental United States is origin.*

| | FOB03 | 352 | **Description** | O | AN 1/80 |

A free-form description to clarify the related data elements and their content

> *Use in conjunction with FOB02 code TM, to identify the location of the FOB point. Cite the 5 position United Nations code for ports and other locations (UN/LOCODE) in accordance with the United Nations Location Code Manual.*

| Not Used | FOB04 | 334 | **Transportation Terms Qualifier Code** | O | ID 2/2 |

Code identifying the source of the transportation terms

| Not Used | FOB05 | 335 | **Transportation Terms Code** | X | ID 3/3 |

Code identifying the trade terms which apply to the shipment transportation responsibility

| Not Used | FOB06 | 309 | **Location Qualifier** | X | ID 1/2 |

Code identifying type of location

| Not Used | FOB07 | 352 | **Description** | O | AN 1/80 |

A free-form description to clarify the related data elements and their content

| Not Used | FOB08 | 54 | **Risk of Loss Code** | O | ID 2/2 |

Code specifying where responsibility for risk of loss passes

| Not Used | FOB09 | 352 | **Description** | X | AN 1/80 |

A free-form description to clarify the related data elements and their content

Segment:	**DTM** Date/Time Reference		
Position:	200		
Loop:	PO1	Mandatory	
Level:	Detail		
Usage:	Optional		
Max Use:	10		
Purpose:	To specify pertinent dates and times		
Syntax Notes:	1	At least one of DTM02 DTM03 or DTM05 is required.	
	2	If DTM04 is present, then DTM03 is required.	
	3	If either DTM05 or DTM06 is present, then the other is required.	
Semantic Notes:			
Comments:			
Notes:	*Use this segment to provide actual dates applicable to the line item.*		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	DTM01	374	**Date/Time Qualifier**	M ID 3/3

Code specifying type of date or time, or both date and time

002	Delivery Requested
	Use to indicate that delivery is being requested earlier than required by a basic award instrument.
017	Estimated Delivery
131	Item Contract Effective
	Use in conjunction with DTM05 code RD8, to indicate the ordering period for a line item, e.g., a provisioned item. Specify the date range in DTM06.
193	Period Start
	Use to indicate the start of a period of performance or lease.
194	Period End
	Use to indicate the end of a period of performance or lease.
275	Approved
	Date report was approved by contractor representative
	Use to indicate the approval date of Contract Data Requirements List.
565	Date of Property Inspection
	Use in conjunction with the 2/N1/340 segment, N101 code EL, to indicate the date and possibly the time of a site or property inspection.
600	As Of

> *Use to indicate the "as of" date for submission of data.*

	601	First Submission

> *Use to indicate the date of the first submission of a data item specified by a Contract Data Requirements List.*

	602	Subsequent Submission

> *Use to indicate the date(s) of a subsequent submission(s) of a data item specified by a Contract Data Requirements List.*

	641	Option

> *Use with DTM02 to indicate the last date for the exercise of an option or with DTM05/06 to indicate the period during which the option may be exercised.*

	947	Preparation

> *Use to indicate the preparation date of a Contract Data Requirements List.*

	996	Required Delivery

A date on which or before, ordered goods or services must be delivered

> *Use to indicate delivery is required on or before the specified date.*

	DTM02	**373**	**Date**	**X**	**DT 8/8**

Date expressed as CCYYMMDD

	DTM03	**337**	**Time**	**X**	**TM 4/8**

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

> *Use in conjunction with DTM01 code 565 to identify the time for a site/property inspection. Specify the time only in the HHMM format using the local time for that location.*

Not Used	**DTM04**	**623**	**Time Code**	**O**	**ID 2/2**

Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow

	DTM05	**1250**	**Date Time Period Format Qualifier**	**X**	**ID 2/3**

Code indicating the date format, time format, or date and time format

	RD8	Range of Dates Expressed in Format CCYYMMDD -CCYYMMDD

A range of dates expressed in the format
CCYYMMDD-CCYYMMDD where CCYY is the
numerical expression of the century CC and year
YY, MM is the numerical expression of the month
within the year, and DD is the numerical expression
of the day within the year; the first occurrence of
CCYYMMDD is the beginning date and the second
occurrence is the ending date

Use in conjunction with DTM01 code 131 or 641.

DTM06   **1251**   **Date Time Period**   **X**   **AN 1/35**

Expression of a date, a time, or range of dates, times or dates and times

Segment:	**TD5** Carrier Details (Routing Sequence/Transit Time)	
Position:	250	
Loop:	PO1 Mandatory	
Level:	Detail	
Usage:	Optional	
Max Use:	12	
Purpose:	To specify the carrier and sequence of routing and provide transit time information	
Syntax Notes:	1	At least one of TD502 TD504 TD505 TD506 or TD512 is required.
	2	If TD502 is present, then TD503 is required.
	3	If TD507 is present, then TD508 is required.
	4	If TD510 is present, then TD511 is required.
	5	If TD513 is present, then TD512 is required.
	6	If TD514 is present, then TD513 is required.
	7	If TD515 is present, then TD512 is required.
Semantic Notes:	1	TD515 is the country where the service is to be performed.
Comments:	1	When specifying a routing sequence to be used for the shipment movement in lieu of specifying each carrier within the movement, use TD502 to identify the party responsible for defining the routing sequence, and use TD503 to identify the actual routing sequence, specified by the party identified in TD502.
Notes:	*Use this segment to specify the transportation method that is applicable to a specific line item.*	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Not Used	**TD501**	**133**	**Routing Sequence Code**	**O ID 1/2**
			Code describing the relationship of a carrier to a specific shipment movement	
	TD502	**66**	**Identification Code Qualifier**	**X ID 1/2**
			Code designating the system/method of code structure used for Identification Code (67)	
			10 Department of Defense Activity Address Code (DODAAC)	
			Use in conjunction with TD504 code PL, to indicate the DoDAAC of the pipeline.	
	TD503	**67**	**Identification Code**	**X AN 2/80**
			Code identifying a party or other code	
			Use in conjunction with TD502.	
	TD504	**91**	**Transportation Method/Type Code**	**X ID 1/2**
			Code specifying the method or type of transportation for the shipment	
			1. Use any code other than code ZZ.	
			2. An application program conversion table may be required to convert agency codes to ASC X12 codes.	

			D Parcel Post		
			Use to indicate the US Postal Service and not a private carrier.		

Refer to 004010 Data Element Dictionary for acceptable code values.

Not Used	TD505	387	**Routing**	X	AN 1/35

Free-form description of the routing or requested routing for shipment, or the originating carrier's identity

Not Used	TD506	368	**Shipment/Order Status Code**	X	ID 2/2

Code indicating the status of an order or shipment or the disposition of any difference between the quantity ordered and the quantity shipped for a line item or transaction

Not Used	TD507	309	**Location Qualifier**	O	ID 1/2

Code identifying type of location

Not Used	TD508	310	**Location Identifier**	X	AN 1/30

Code which identifies a specific location

Not Used	TD509	731	**Transit Direction Code**	O	ID 2/2

The point of origin and point of direction

Not Used	TD510	732	**Transit Time Direction Qualifier**	O	ID 2/2

Code specifying the value of time used to measure the transit time

Not Used	TD511	733	**Transit Time**	X	R 1/4

The numeric amount of transit time

	TD512	284	**Service Level Code**	X	ID 2/2

Code indicating the level of transportation service or the billing service offered by the transportation carrier

			Use any code other than code ZZ.		

Refer to 004010 Data Element Dictionary for acceptable code values.

Not Used	TD513	284	**Service Level Code**	X	ID 2/2

Code indicating the level of transportation service or the billing service offered by the transportation carrier

Not Used	TD514	284	**Service Level Code**	O	ID 2/2

Code indicating the level of transportation service or the billing service offered by the transportation carrier

Not Used	TD515	26	**Country Code**	O	ID 2/3

Code identifying the country

Segment:	**TD4** **Carrier Details (Special Handling, or Hazardous Materials, or Both)**
Position:	270
Loop:	PO1 Mandatory
Level:	Detail
Usage:	Optional
Max Use:	5
Purpose:	To specify transportation special handling requirements, or hazardous materials information, or both
Syntax Notes:	1 At least one of TD401 TD402 or TD404 is required.
	2 If TD402 is present, then TD403 is required.
Semantic Notes:	1 TD405 identifies if a Material Safety Data Sheet (MSDS) exists for this product. A "Y" indicates an MSDS exists for this product; an "N" indicates an MSDS does not exist for this product.
Comments:	
Notes:	*Use this segment to provide special handling or hazardous material information that applies to a specific line item.*

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
TD401	**152**	**Special Handling Code**	**X** **ID 2/3**

Code specifying special transportation handling instructions

Any code, other than code ZZZ, may be used but the listed codes are preferred.

AMM   A.M. Delivery Requirement
DA   Dangerous
EP   Expedite
EX   Explosive Flammable Gas
FG   Flammable Gas
FL   Flammable
FP   Flammable Poison Gas
HM   Endorsed as Hazardous Material
LT   Less Than Full Carload
LTT   Less Than Truckload
NC   Notify Consignee Before Delivery
PG   Poisonous Gas
PMM   P.M. Delivery Requirement

Refer to 004010 Data Element Dictionary for acceptable code values.

TD402	**208**	**Hazardous Material Code Qualifier**	**X** **ID 1/1**

Code which qualifies the Hazardous Material Class Code (209)

     U   United Nations

TD403	**209**	**Hazardous Material Class Code**	**X** **AN 1/4**

Code specifying the kind of hazard for a material

Use in conjunction with TD402

| Not Rec | TD404 | 352 | **Description** | **X** | **AN 1/80** |

A free-form description to clarify the related data elements and their content

Use of free form text is discouraged if the information can be provided by means of codes or data values within the transaction set.

| Not Used | TD405 | 1073 | **Yes/No Condition or Response Code** | **O** | **ID 1/1** |

Code indicating a Yes or No condition or response

Segment:	# MAN **Marks and Numbers**		
Position:	280		
Loop:	PO1	Mandatory	
Level:	Detail		
Usage:	Optional		
Max Use:	10		
Purpose:	To indicate identifying marks and numbers for shipping containers		
Syntax Notes:	1	If either MAN04 or MAN05 is present, then the other is required.	
	2	If MAN06 is present, then MAN05 is required.	
Semantic Notes:	1	MAN01/MAN02 and MAN04/MAN05 may be used to identify two different marks and numbers assigned to the same physical container.	
	2	When both MAN02 and MAN03 are used, MAN02 is the starting number of a sequential range and MAN03 is the ending number of that range.	
	3	When both MAN05 and MAN06 are used, MAN05 is the starting number of a sequential range, and MAN06 is the ending number of that range.	
Comments:	1	When MAN01 contains code "UC" (U.P.C. Shipping Container Code) and MAN05/MAN06 contain a range of ID numbers, MAN03 is not used. The reason for this is that the U.P.C. Shipping Container code is the same on every carton that is represented in the range in MAN05/MAN06.	
	2	MAN03 and/or MAN06 are only used when sending a range(s) of ID numbers. When both MAN02/MAN03 and MAN05/MAN06 are used to send ranges of ID numbers, the integrity of the two ID numbers must be maintained.	
Notes:	*1. Use this segment to identify marks and numbers that apply to a specific line item.*		
	2. Use to identify such data as MILSTRIP/FEDSTRIP number, Transportation Control number, Project Priority number, and consignee related codes.		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	MAN01	88	**Marks and Numbers Qualifier**	**M ID 1/2**
			Code specifying the application or source of Marks and Numbers (87)	
			L Line Item Only	
Must Use	MAN02	87	**Marks and Numbers**	**M AN 1/48**
			Marks and numbers used to identify a shipment or parts of a shipment	
	MAN03	87	**Marks and Numbers**	**O AN 1/48**
			Marks and numbers used to identify a shipment or parts of a shipment	
	MAN04	88	**Marks and Numbers Qualifier**	**X ID 1/2**
			Code specifying the application or source of Marks and Numbers (87)	
			L Line Item Only	
	MAN05	87	**Marks and Numbers**	**X AN 1/48**
			Marks and numbers used to identify a shipment or parts of a shipment	
	MAN06	87	**Marks and Numbers**	**O AN 1/48**
			Marks and numbers used to identify a shipment or parts of a shipment	

Segment:	**RRA** Required Response	
Position:	290	
Loop:	PO1	Mandatory
Level:	Detail	
Usage:	Optional	
Max Use:	25	
Purpose:	To indicate information that is required to be included in the response	
Syntax Notes:		
Semantic Notes:	1 Use RRA02 only to specify applicable regulatory or contractual clause.	
Comments:		
Notes:	*Use this segment to indicate to prospective offerors that information, applicable to a specific line item, must be provided with their proposal, e.g., a certification, a representation or fill-in information. Use the 1/RRA/280 segment when the information offerors are to provide applies to all of the line items.*	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	RRA01	701	**Information Type**	M ID 2/2

Code specifying the information required in the response

14   As Indicated by the Cited Reference

> *Use to indicate the reference number that requires an offeror to provide a certification, representation or other information. This reference number will be a clause number or some unique reference number previously provided to offerors.*

	Ref. Des.	Data Element	Name	Attributes
Must Use	RRA02	127	**Reference Identification**	O AN 1/30

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Segment:	**MSG** Message Text
Position:	292
Loop:	PO1 Mandatory
Level:	Detail
Usage:	Optional (Not Recommended)
Max Use:	1000
Purpose:	To provide a free-form format that allows the transmission of text information
Syntax Notes:	1 If MSG03 is present, then MSG02 is required.
Semantic Notes:	1 MSG03 is the number of lines to advance before printing.
Comments:	1 MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.
	2 If MSG02 is "AA - Advance the specified number of lines before print" then MSG03 is required.
Notes:	*1. Use to provide any plain text information not associated with a lead time, a clause, or an address.*
	2. Use of free form text is discouraged if the information can be provided by means of codes or data values within the transaction set.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	MSG01	933	**Free-Form Message Text**	**M**	**AN 1/264**
			Free-form message text		
Not Used	MSG02	934	**Printer Carriage Control Code**	**X**	**ID 2/2**
			A field to be used for the control of the line feed of the receiving printer		
Not Used	MSG03	1470	**Number**	**O**	**N0 1/9**
			A generic number		

Segment:		**SPI** Specification Identifier		
Position:		293		
Loop:		PO1	Mandatory	
Level:		Detail		
Usage:		Optional		
Max Use:		>1		
Purpose:		To provide a description of the included specification or technical data items		
Syntax Notes:		1	If either SPI02 or SPI03 is present, then the other is required.	
Semantic Notes:				
Comments:				
Notes:		*Use this segment to identify those elements of the solicitation that are classified and to specify the level of classification.*		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	SPI01	786	**Security Level Code**	M ID 2/2
			Code indicating the level of confidentiality assigned by the sender to the information following	
			Use to specify the level of Government security classification or commercial protection level assigned to the items identified in SPI02/03.	
			92 Government Confidential	
			93 Government Secret	
			94 Government Top Secret	
Must Use	SPI02	128	**Reference Identification Qualifier**	X ID 2/3
			Code qualifying the Reference Identification	
			1. Use to identify items within the transaction set that are classified, e.g., FMS case number, drawing number, SOW, etc. Use SPI04 to further define the number or description of the item cited in SPI03, if necessary.	
			2. Use any code other than code ZZ.	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
Must Use	SPI03	127	**Reference Identification**	X AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
	SPI04	790	**Entity Title**	O AN 1/132
			Title of the data entity	
			Use only if necessary to further define the item cited in SPI03.	
Not Used	SPI05	791	**Entity Purpose**	O AN 1/80
			The reason for the existence of the data item specified by the electronic data item independent of its presence in an EDI transaction	
Not Used	SPI06	792	**Entity Status Code**	O ID 1/1

			Code indicating the current status of the data item specified by the electronic data item		
Not Used	SPI07	353	**Transaction Set Purpose Code**	O	ID 2/2
			Code identifying purpose of transaction set		
Not Used	SPI08	755	**Report Type Code**	O	ID 2/2
			Code indicating the title or contents of a document, report or supporting item		
Not Used	SPI09	786	**Security Level Code**	O	ID 2/2
			Code indicating the level of confidentiality assigned by the sender to the information following		
Not Used	SPI10	559	**Agency Qualifier Code**	O	ID 2/2
			Code identifying the agency assigning the code values		
Not Used	SPI11	822	**Source Subqualifier**	O	AN 1/15
			A reference that indicates the table or text maintained by the Source Qualifier		
Not Used	SPI12	554	**Assigned Number**	O	N0 1/6
			Number assigned for differentiation within a transaction set		
Not Used	SPI13	1322	**Certification Type Code**	O	ID 1/1
			Code indicating the type of certification		
Not Used	SPI14	1401	**Proposal Data Detail Identifier Code**	O	ID 1/3
			Code identifying the basis of a cited value in a proposal		
Not Used	SPI15	1005	**Hierarchical Structure Code**	O	ID 4/4
			Code indicating the hierarchical application structure of a transaction set that utilizes the HL segment to define the structure of the transaction set		

Segment:	**LDT** Lead Time
Position:	302
Loop:	LDT Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify lead time for availability of products and services
Syntax Notes:	
Semantic Notes:	**1** LDT04 is the effective date of lead time information.
Comments:	**1** LDT02 is the quantity of unit of time periods.
Notes:	*1.* *Use this segment to identify lead times that apply to a specific line item.*
	2. *Any code used in LDT01 at this location may not be used in the 1/LDT/160 segment.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	LDT01	345	**Lead Time Code**	M ID 2/2

Code indicating the time range

AD	From date of sample approval to first product shipment
AE	From date of PO receipt to shipment
AF	From date of PO receipt to delivery
AH	From Date of Receipt of First Article to First Article Approval
AI	From Date of a Specified Event to Delivery
	Use in conjunction with the 2/MSG/304 segment, to identify a lead time for delivery that is based upon the specific event.
AV	From Date of Award to Date of Latest Delivery
	Use to indicate the delivery lead time for a line item in a solicitation for a basic award instrument.
AW	From Date of Award to Date of Earliest Delivery
	Use to indicate the delivery lead time for a line item in a solicitation for a basic award instrument.
AX	From Date of Award to Date of Completion
	Use to indicate the delivery lead time for a line item in a solicitation for a basic award instrument.
AY	From Date of Award to Date of Delivery
	Use to indicate the delivery lead time for a line item in a solicitation for a basic award instrument.
AZ	From Date of Receipt of Item to Date of Approval of Item

| | | | BD | From Date of Award to Date of Option Exercise | | |
| | | | BG | From Date of a Specified Event to Date of Option Exercise | | |

Use in conjunction with the 2/MSG/304 segment.

Must Use	LDT02	380	**Quantity**		M	R 1/15
			Numeric value of quantity			
Must Use	LDT03	344	**Unit of Time Period or Interval**		M	ID 2/2
			Code indicating the time period or interval			
			DA	Calendar Days		
			DW	Work Days		
			MO	Month		
Not Used	LDT04	373	**Date**		O	DT 8/8
			Date expressed as CCYYMMDD			

Segment:	**MSG** Message Text	
Position:	304	
Loop:	LDT	Optional
Level:	Detail	
Usage:	Optional	
Max Use:	1	
Purpose:	To provide a free-form format that allows the transmission of text information	
Syntax Notes:	1	If MSG03 is present, then MSG02 is required.
Semantic Notes:	1	MSG03 is the number of lines to advance before printing.
Comments:	1	MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.
	2	If MSG02 is "AA - Advance the specified number of lines before print" then MSG03 is required.
Notes:	*Use in conjunction with the 2/LDT/302 segment, LDT01 code AI or BG, to identify the specified event.*	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	MSG01	933	**Free-Form Message Text**	**M AN 1/264**
			Free-form message text	
Not Used	MSG02	934	**Printer Carriage Control Code**	**X ID 2/2**
			A field to be used for the control of the line feed of the receiving printer	
Not Used	MSG03	1470	**Number**	**O N0 1/9**
			A generic number	

Segment: **LM** Code Source Information

Position:	305
Loop:	LM Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To transmit standard code list identification information
Syntax Notes:	
Semantic Notes:	
Comments:	**1** LM02 identifies the applicable industry code list source information.
Notes:	*Use this loop to provide codes from DoD 5010.12-M that identify the frequency of delivery for a CDRL data item.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	**LM01**	**559**	**Agency Qualifier Code**	**M ID 2/2**
			Code identifying the agency assigning the code values	
			DF Department of Defense (DoD)	
Not Used	**LM02**	**822**	**Source Subqualifier**	**O AN 1/15**
			A reference that indicates the table or text maintained by the Source Qualifier	

Segment: **LQ** Industry Code
Position: 306
Loop: LM   Optional
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: Code to transmit standard industry codes
Syntax Notes: 1   If LQ01 is present, then LQ02 is required.
Semantic Notes:
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	LQ01	1270	Code List Qualifier Code	O ID 1/3

Code identifying a specific industry code list

FX   Frequency

Use to indicate the frequency of delivery code for a data item deliverable on a Contract Data Requirements List (DD Form 1423).

	Ref. Des.	Data Element	Name	Attributes
Must Use	LQ02	1271	Industry Code	X AN 1/30

Code indicating a code from a specific industry code list

Use a code from DoD 5010.12-M to identify the frequency of delivery for a CDRL data item.

Segment:	**N9** **Reference Identification**
Position:	320
Loop:	N9 Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To transmit identifying information as specified by the Reference Identification Qualifier
Syntax Notes:	1 At least one of N902 or N903 is required.
	2 If N906 is present, then N905 is required.
	3 If either C04003 or C04004 is present, then the other is required.
	4 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:	1 N906 reflects the time zone which the time reflects.
	2 N907 contains data relating to the value cited in N902.
Comments:	
Notes:	*1. Use this loop to identify various references that are applicable to a specific line item. Use the 1/N9/290 loop if the references apply to the entire award instrument.*
	2. When citing a clause in N902, the date of the clause MUST be cited in N904 and the title of the clause may be optionally cited in the following MSG segment. If an alternate is cited in N907-1/N907-2, the date of the alternate MUST be cited in the 2/DTM/325 segment citing code 102 in DTM01.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	N901	128	**Reference Identification Qualifier**	M ID 2/3

Code qualifying the Reference Identification

16   Military Interdepartmental Purchase Request (MIPR) Number

A specific form used to transmit obligation authority (dollars) and requirements between a service or agency requiring a purchase and a military service or agency responsible for procuring the requirement

2E   Foreign Military Sales Case Number

A reference number designating the foreign military sale records

Use in conjunction with the 2/N1/340 segment, N101 code CY, to indicate the item being solicited is for a Foreign Military Sale.

2S   Catalog

Use to indicate the Catalog of Federal Domestic Assistance. This is where additional information regarding the program funding source for a grant can be found.

2Y	Wage Determination	

Use to indicate a Department of Labor Wage Determination number. Use if the wage determination is identified by reference only. Use also to identify the wage determination if it is provided by some other means identified in the 2/PWK/070 segment.

5N	Citation of Statute	

Use to indicate the legislative authorization citation under which a line item in the resulting instrument, e.g., a grant, will be awarded. Optionally cite the legislative program title in N903.

73	Statement of Work (SOW)	

Description of a product or service to be procured under a contract; statement of requirements

If a Statement of Work is part of the solicitation, the 2/PWK/070 segment can be used to identify how it is being provided.

82	Data Item Description (DID) Reference	

Specific data elements that the government will ask a contractor to provide and are spelled out in specific requirement documents

87	Functional Category	

An organization or groups of organizations with a common operational orientation such as Quality Control Engineering, etc

Use in conjunction with the 2/MEA/049 segment, MEA01 code CS, to indicate the North American Industry Classification System code applicable to a line item.

97	Package Number	

A serial number indicating unit shipped

9G	Department of Defense Form 250 Requirement Code	

Use to indicate the inspection and acceptance requirements for a data item specified on a Contract Data Requirements List in accordance with DOD 5010.12-M.

ADA	Agency for International Development Acquisition Regulation (AIDAR)	

Use in conjunction with N904 to indicate a clause from the cited regulation.

AH	Agreement Number	

Use to indicate a Union Agreement number.

CJ	Clause Number	

	Use to indicate a clause other than a clause found in the FAR, DFARS, a Civilian Agency FAR supplement, etc. Use in conjunction with N907-1 code DUN or DX to identify the organization issuing the clause.
CT	Contract Number
	Use to indicate an existing contractual instrument applicable to this solicitation.
DF	Defense Federal Acquisition Regulations (DFAR)
	Use in conjunction with N904 to indicate a clause from the cited regulation.
DG	Drawing Number
DHH	Department of Health and Human Services Acquisition Regulation (HHSAR)
	Use in conjunction with N904 to indicate a clause from the cited regulation.
DOA	Department of Agriculture Acquisition Regulation (AGAR)
	Use in conjunction with N904 to indicate a clause from the cited regulation.
DOC	Department of Commerce Acquisition Regulation (CAR)
	Use in conjunction with N904 to indicate a clause from the cited regulation.
DOE	Department of Energy Acquisition Regulation (DEAR)
	Use in conjunction with N904 to indicate a clause from the cited regulation.
DOI	Department of Interior Acquisition Regulation (DIAR)
	Use in conjunction with N904 to indicate a clause from the cited regulation.
DOJ	Department of Justice Acquisition Regulation (JAR)
	Use in conjunction with N904 to indicate a clause from the cited regulation.
DOL	Department of Labor Acquisition Regulation (DOLAR)
	Use in conjunction with N904 to indicate a clause from the cited regulation.
DOS	Department of State Acquisition Regulation (DOSAR)
	Use in conjunction with N904 to indicate a clause from the cited regulation.
DOT	Department of Transportation Acquisition Regulation (TAR)

		Use in conjunction with N904 to indicate a clause from the cited regulation.
DTS	Department of the Treasury Acquisition/Procurement Regulation (TAPR)	
		Use in conjunction with N904 to indicate a clause from the cited regulation.
EC	Circular	
		Use to indicate an Office of Management and Budget(OMB) circular number.
EDA	Department of Education Acquisition Regulation (EDAR)	
		Use in conjunction with N904 to indicate a clause from the cited regulation.
EPA	Environmental Protection Agency Acquisition Regulation (EPAAR)	
		Use in conjunction with N904 to indicate a clause from the cited regulation.
EV	Receiver Identification Number	
	A unique number identifying the organization/site location designated to receive the current transmitted transaction set	
		Use to indicate the requiring office, i.e., the technical office responsible for ensuring adequacy of the data required on a Contract Data Requirements List. Use an abbreviation of the activity, e.g., NICP, Navy Inventory Control Point.
FA	Federal Acquisition Regulations (FAR)	
		Use in conjunction with N904 to indicate a clause from the cited regulation.
GS	General Services Administration Regulations (GSAR)	
		Use in conjunction with N904 to indicate a clause from the cited regulation.
HF	Engineering Data List	
HT	Code of Federal Regulations	
HUD	Department of Housing and Urban Development Acquisition Regulation (HUDAR)	
		Use in conjunction with N904 to indicate a clause from the cited regulation.
IJ	Standard Industry Classification (SIC) Code	
		Use in conjunction with the 2/MEA/049 segment, MEA01 code CS, to indicate the Standard Industrial Classification (SIC) Code applicable to a line item.

	IL	Internal Order Number

Use to indicate the requisition (e.g., Military Standard Requisitioning and Issue Procedures (MILSTRIP) or Federal Standard Requisitioning and Issue Procedures (FEDSTRIP) document number).

	IQ	End Item
	K0	Approval Code

Use to indicate the approval code on a Contract Data Requirements List in accordance with DOD 5010.12-M.

	KD	Special Instructions Number

Use to indicate a special instruction. Identify the agency, command or purchasing activity issuing the special instruction in N907-2 by citing either code DUN or DX in N907-1 or in lieu of using a coded value to identify the issuing activity, provide its text name in N903. If this special instruction number is not included in previously provided terms and conditions, provide the full text in the following MSG segment.

	KL	Contract Reference

For a Contract Data Requirements List data item, use to indicate the reference in the contract that generates the requirement for the data item (e.g., Statement of Work paragraph).

	KT	Request for Quotation Reference

A discrete number assigned for identification purposes to a request for quotation

Use to indicate another type of reference number applicable to the solicitation. This number is not the solicitation number (which is carried in BQT02). This code can be used as a means to provide clear text information, i.e., Notice to Bidders, in the following MSG segment. Another example of the use of this code can be to provide the reason for the cancellation of the solicitation.

	KV	Distribution Statement Code

Use to indicate the code on a Contract Data Requirements List that specifies the distribution statement a contractor is to mark on a data item in accordance with DOD 5010.12-M.

	LT	Lot Number
	LX	Qualified Products List

Use in conjunction with the 2/CSH/142 segment,

	CSH01 code QP, QM, or QB, to indicate the Qualified Products List, Qualified Manufacturer List, or Qualified Bidders List number.
MU	Military Specification (MILSPEC) Number
NAS	National Aeronautics and Space Administration FAR Supplement (NFS)
	Use in conjunction with N904 to indicate a clause from the cited regulation.
NI	Military Standard (MIL-STD) Number
NJ	Technical Document Number
NL	Technical Order Number
P4	Project Code
	Use to indicate the project number applicable to the line item.
PH	Priority Rating
	Use to indicate the MILSTRIP/FEDSTRIP priority rating.
PL	Price List Number
	Use to indicate a Defense Supply Center Philadelphia Distribution and Pricing Agreement Number applicable to the line item.
QC	Product Specification Document Number
	Model designation of replacement component
RQ	Purchase Requisition Number
	Use to indicate the Purchase Request (PR) number or the Purchase Request Order Number (PRON). If it is necessary to identify the line item number from the PR or PRON, cite that number in N907.
RS	Returnable Container Serial Number
	Use in conjunction with the 2/P01/010 segment, code RC which may appear in any DE 235 within the segment.
S3	Specification Number
	Use to indicate a specification number other than a Military Specification (MIL-SPEC). Use in conjunction with N907-1 code DUN or DX or in conjunction with N903 to identify the issuing activity.
TG	Transportation Control Number (TCN)
TN	Transaction Reference Number
	1. Use to indicate the unique reference number of a related transaction set (e.g. an 841 transaction set carrying a technical specification or a drawing).

		Each transaction set has a unique number. In the case of an 841 transaction set, that number is carried in SPI02.	
		2. Use in conjunction with N902 to cite the related transaction set's unique number and in conjunction with N907-1 code 7U, to cite the X12 transaction set designator (e.g., 841) of the related transaction set.	
	TP	Test Specification Number	
	VB	Department of Veterans Affairs Acquisition Regulations (VAAR)	
		Use in conjunction with N904 to indicate a clause from the cited regulation.	
	VQ	Related Contract Line Item Number	
		Use to indicate a line item in the solicitation to which another line item pertains.	
	VW	Standard	
		Use to indicate a standard other than a MIL-STD, e.g., ASTMD3951. Optionally use N903 to further identify the standard.	
	W1	Disposal Turn-In Document Number	
		Identifies material submitted for reutilization and marketing	
	W2	Weapon System Number	
		Identifies a weapon system	
		Use to indicate the Weapon System Code.	
	W6	Federal Supply Schedule Number	
		Identifies an item with a two-digit group number, two-digit part number, and one-character section letter	
	WF	Locally Assigned Control Number	
	XE	Transportation Priority Number	
		Number indicating the level of government priority associated with the transportation of a shipment	
	XY	Other Unlisted Type of Reference Number	
		Use in conjunction with N903 and optionally with the 2/MSG/330 segment, to indicate any other reference that cannot use a specific qualifier code.	

Must Use	**N902**	**127**	**Reference Identification**	**X AN 1/30**

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

	N903	**369**	**Free-form Description**	**X AN 1/45**

Free-form descriptive text

1. When N901 is code KD or S3, use to identify the organization issuing the special instruction or specification cited in N902 if it cannot be identified by a code in N907.

2. When N901 is code XY, use to identify the source of the reference and use the following MSG segment for text, if necessary.

3. Use of free form text is discouraged if the information can be provided by means of codes or data values within the transaction set.

| | N904 | 373 | **Date** | | **O** | **DT 8/8** |

Date expressed as CCYYMMDD

1. Use to identify the issue date applicable to the reference cited in N901. For clauses that have a date expressed only as a month and year, the DD (day) portion of the date is always 01.

2. For additional dates applicable to the N901 reference, use the 2/DTM/325 segment.

| **Not Used** | N905 | 337 | **Time** | | **X** | **TM 4/8** |

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

| **Not Used** | N906 | 623 | **Time Code** | | **O** | **ID 2/2** |

Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow

| | N907 | C040 | **Reference Identifier** | | **O** | |

To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier

Use this composite data element to identify references that are associated with the reference identified in N901, e.g., a sheet of a drawing, etc.

| **Must Use** | C04001 | 128 | **Reference Identification Qualifier** | | **M** | **ID 2/3** |

Code qualifying the Reference Identification

2G   Amendment

7M   Frame

Use in conjunction with code N901 code DG.

7P   Sheet

Use in conjunction with code N901 code DG.

7S   Drawing Type

Use in conjunction with code N901 code DG.

	7U		Related Transaction Reference Number		

Use in conjunction with N901 code TN to indicate the X12 designation (e.g., 841) of the related transaction set.

| | 8Z | | Alternate Clause Number |

Use in conjunction with N901 code ADA, DF, DHH, DOA, DOC, DOE, DOI, DOJ, DOL, DOS, DOT, DTS, EDA, EPA, FA, GS, HUD, NAS, or VB.

| | C7 | | Contract Line Item Number |

Use in conjunction with N901 code CT to indicate a line item or sub line item in a basic contract.

| | DUN | | D-U-N-S Number Dun & Bradstreet |

Use in conjunction with N901 code CJ, KD, or S3 to indicate a DUNS or DUNS+4 number.

| | DX | | Department/Agency Number |

Use in conjunction with N901 code CJ, KD, or S3, to indicate a Department of Defense or Civilian Agency Activity Address Code.

| | FJ | | Line Item Control Number |

A unique number assigned to each charge line used for tracking purposes

Use in conjunction with N901 code RQ to indicate the requisition line item.

| | IX | | Item Number |

Use in conjunction with N901 code W6, to indicate a Federal Supply Schedule (FSS) Special Item Number.

| | W8 | | Suffix |

Differentiates between partial actions taken on the original transaction

| | YB | | Revision Number |

Must Use	**C04002**	**127**	**Reference Identification**	**M**	**AN 1/30**

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

	C04003	**128**	**Reference Identification Qualifier**	**X**	**ID 2/3**

Code qualifying the Reference Identification

| | 7M | | Frame |

Use in conjunction with code N901 code DG.

| | 7P | | Sheet |

Use in conjunction with code N901 code DG.

| | 7S | | Drawing Type |

Use in conjunction with code N901 code DG.

C04004	**127**	**Reference Identification**	**X**	**AN 1/30**

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

C04005	**128**	**Reference Identification Qualifier**	**X**	**ID 2/3**

Code qualifying the Reference Identification

7M	Frame

Use in conjunction with code N901 code DG.

7P	Sheet

Use in conjunction with code N901 code DG.

7S	Drawing Type

Use in conjunction with code N901 code DG.

C04006	**127**	**Reference Identification**	**X**	**AN 1/30**

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Segment:	**DTM** Date/Time Reference		
Position:	325		
Loop:	N9	Optional	
Level:	Detail		
Usage:	Optional		
Max Use:	>1		
Purpose:	To specify pertinent dates and times		
Syntax Notes:	1	At least one of DTM02 DTM03 or DTM05 is required.	
	2	If DTM04 is present, then DTM03 is required.	
	3	If either DTM05 or DTM06 is present, then the other is required.	
Semantic Notes:			
Comments:			

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	DTM01	374	**Date/Time Qualifier**	**M ID 3/3**

Code specifying type of date or time, or both date and time

007   Effective

Use to indicate the effective date applicable to a reference cited in N901.

036   Expiration

 Date coverage expires

Use to indicate the expiration date applicable to a reference cited in N901.

102   Issue

Use to indicate a date applicable to a reference cited in N907-1 except when N907-1 is code YB.

171   Revision

Use in conjunction with N907-1 code YB.

	Ref. Des.	Data Element	Name	Attributes
	DTM02	373	**Date**	**X DT 8/8**

Date expressed as CCYYMMDD

When N907-1 is code 8Z and DTM01 is code 102, the DD (day) portion of the date is always 01.

	Ref. Des.	Data Element	Name	Attributes
Not Used	DTM03	337	**Time**	**X TM 4/8**

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

	Ref. Des.	Data Element	Name	Attributes
Not Used	DTM04	623	**Time Code**	**O ID 2/2**

Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an

indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow

Not Used   DTM05   1250   Date Time Period Format Qualifier   X   ID 2/3

Code indicating the date format, time format, or date and time format

Not Used   DTM06   1251   Date Time Period   X   AN 1/35

Expression of a date, a time, or range of dates, times or dates and times

Segment:	**MSG** Message Text
Position:	330
Loop:	N9 Optional
Level:	Detail
Usage:	Optional
Max Use:	1000
Purpose:	To provide a free-form format that allows the transmission of text information
Syntax Notes:	1 If MSG03 is present, then MSG02 is required.
Semantic Notes:	1 MSG03 is the number of lines to advance before printing.
Comments:	1 MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.
	2 If MSG02 is "AA - Advance the specified number of lines before print" then MSG03 is required.

Notes:

1. Use this segment to carry the title or full text of any clause, a special instruction, or other information associated with the number cited in N902.

2. This segment is also used to carry clause fill-in information that is not provided elsewhere within the transaction set. Use of clause titles when providing fill-in information is recommended.

3. When providing fill-in information, the following format is recommended:

a) In the first iteration of the segment, cite the clause title, followed by a pipe sign to indicate the end of the title information, then cite the number of fill-ins followed by a second pipe sign to indicate the end of the title segment.

b) For each fill-in, begin a new MSG segment using the sequence in which the fill-ins appear within the clause. These MSG segments may each begin with a number indicating the fill-in's sequence position. End each fill-in with a pipe sign. If multiple iterations of MSG are required for a long fill-in, end only the last MSG segment of that fill-in with the pipe sign.

4. The purpose of the pipe sign "|" is to provide an indication to receiving applications that the data string related to a single entry has been completed.

An example of a clause with 3 fill-ins follows:

MSG*Commencement, Prosecution, and Completion of Work Alternate I|3|
MSG*1. 30|
MSG*2. 30 Sep 1995|
MSG*3. 15 Jan 1995|

5. An example alternative format provides all fill-in information within the title MSG segment as follows:

MSG*Commencement, Prosecution, and Completion of Work Alternate I |3|30|Sep 30, 1995|Jan 15, 1995|

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	MSG01	933	**Free-Form Message Text**	**M AN 1/264**
			Free-form message text	
Not Used	MSG02	934	**Printer Carriage Control Code**	**X ID 2/2**
			A field to be used for the control of the line feed of the receiving printer	
Not Used	MSG03	1470	**Number**	**O N0 1/9**
			A generic number	

Segment:	**N1** Name		
Position:	340		
Loop:	N1	Optional	
Level:	Detail		
Usage:	Optional		
Max Use:	1		
Purpose:	To identify a party by type of organization, name, and code		
Syntax Notes:	1	At least one of N102 or N103 is required.	
	2	If either N103 or N104 is present, then the other is required.	
Semantic Notes:			
Comments:	1	This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.	
	2	N105 and N106 further define the type of entity in N101.	

Notes:

1. Use this loop to identify organizations and locations that apply to a specific line item. Use the 1/N1/310 loop to identify organizations and locations that apply to all of the line items. Persons affiliated with organizations may be identified in the 2/PER/390 segment.

2. Use of N101, N103, and N104 is REQUIRED to identify organizations or locations. Names and addresses, in text, may be additionally provided using N102 and segments N2 through N4. Use of text is discouraged.

3. When this segment is used to provide a ship-to address for distribution of a data item on a Contract Data Requirements List, N102 should be used to specify the office symbol or code within the receiving organization, if necessary.

4. Codes used in N101 at this location may not be used in the 1/N1/310 segment.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	N101	98	**Entity Identifier Code**	M ID 2/3

Code identifying an organizational entity, a physical location, property or an individual

7D	Contracting Officer Representative	
7G	Hazardous Material Office	

Use to indicate the installation Hazardous Material or Safety Office serving the ship-to location.

7P	Transportation Office	
88	Approver	

Manufacturer's representative approving claim for payment

Use to indicate the party approving a Contract Data Requirements List.

CY	Country	

Use in conjunction with the 2/N9/320 segment, N901 code 2E, and N103 code 38, to indicate the country to which a Foreign Military Sale applies.

EL	Established Location

Use to indicate the site or property inspection location.

IF	International Freight Forwarder
IS	Party to Receive Certified Inspection Report
KG	Project Manager

The address of the person responsible for the management of a designated project

Use to indicate the government party responsible for a project to include the advisor under a grant

KY	Technical Office

Use to indicate the technical office that has cognizance over the technical portion of the order, if different than the office originating the order. Do not use unless it is intended for the contractor to deal directly with the cited party.

P1	Preparer

The firm, organization, or individual who determines the tax liability from information supplied by the taxpayer

Use to indicate the preparer of a Contract Data Requirements List.

PA	Party to Receive Inspection Report
PC	Party to Receive Cert. of Conformance (C.A.A.)
PN	Party to Receive Shipping Notice
PW	Pick Up Address

Use to indicate the location where government property is to be picked up for repair or other disposition.

R6	Requester

Use to indicate the requesting agency/activity.

SM	Party to Receive Shipping Manifest
ST	Ship To

Use to indicate the Ship-to addressee for a CLIN or SUBCLIN, or a distribution addressee for a CDRL.

SV	Service Performance Site

When services are contracted for, this describes the organization for whom or location address at which those services will be performed

			Use to indicate the location where a service is to be provided.		
		TS	Party to Receive Certified Test Results		
			Use in conjunction with the 2/CSH/142 segment, CSH01 code QP, to indicate the party to whom an offeror should submit the certified test results which demonstrate that his quoted product meets the established standards for a Qualified Products List.		
		X2	Party to Perform Packaging		
			A party responsible for packaging an item after it has been produced		
		Z4	Owning Inventory Control Point		
			An inventory control organization responsible for management of a particular item		
		Z7	Mark-for Party		
			The party for whom the needed material is intended		
		ZD	Party to Receive Reports		
			The organization designated to receive reports		
Not Rec	N102	93	**Name**	X	AN 1/60
			Free-form name		
Must Use	N103	66	**Identification Code Qualifier**	X	ID 1/2
			Code designating the system/method of code structure used for Identification Code (67)		
		1	D-U-N-S Number, Dun & Bradstreet		
			The DUNS or DUNS+4 number is preferred over other codes to identify an entity.		
		9	D-U-N-S+4, D-U-N-S Number with Four Character Suffix		
			The DUNS or DUNS+4 number is preferred over other codes to identify an entity.		
		10	Department of Defense Activity Address Code (DODAAC)		
			Use to indicate either a Department of Defense or Civilian Agency Activity Address Code.		
		16	ZIP Code		
			Use in conjunction with N101 code ST, to indicate a general shipping area for quoting purposes.		
		33	Commercial and Government Entity (CAGE)		
		38	Country Code		
			Use in conjunction with N101 code CY and cite the 2 position ISO 3166 country code in N104.		
Must Use	N104	67	**Identification Code**	X	AN 2/80

Code identifying a party or other code

Not Used	N105	706	**Entity Relationship Code**		**O**	**ID 2/2**

Code describing entity relationship

Not Used	N106	98	**Entity Identifier Code**		**O**	**ID 2/3**

Code identifying an organizational entity, a physical location, property or an individual

	Segment:	**N2** Additional Name Information
	Position:	350
	Loop:	N1 Optional
	Level:	Detail
	Usage:	Optional (Not Recommended)
	Max Use:	2
	Purpose:	To specify additional names or those longer than 35 characters in length
	Syntax Notes:	
	Semantic Notes:	
	Comments:	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	N201	93	**Name**	**M AN 1/60**
			Free-form name	
	N202	93	**Name**	**O AN 1/60**
			Free-form name	

Segment:	**N3** Address Information	
Position:	360	
Loop:	N1 Optional	
Level:	Detail	
Usage:	Optional (Not Recommended)	
Max Use:	2	
Purpose:	To specify the location of the named party	
Syntax Notes:		
Semantic Notes:		
Comments:		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	N301	166	**Address Information**	**M AN 1/55**
			Address information	
	N302	166	**Address Information**	**O AN 1/55**
			Address information	

Segment:	**N4** Geographic Location	
Position:	370	
Loop:	N1 Optional	
Level:	Detail	
Usage:	Optional	
Max Use:	1	
Purpose:	To specify the geographic place of the named party	
Syntax Notes:	1 If N406 is present, then N405 is required.	
Semantic Notes:		
Comments:	1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.	
	2 N402 is required only if city name (N401) is in the U.S. or Canada.	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
	N401	**19**	**City Name**	**O AN 2/30**
			Free-form text for city name	
			When the address is a military overseas post office, cite APO or FPO as appropriate to identify an Army Post Office (APO) or Fleet Post Office (FPO).	
	N402	**156**	**State or Province Code**	**O ID 2/2**
			Code (Standard State/Province) as defined by appropriate government agency	
			Use codes AA (Armed Forces Americas), AE (Armed Forces Europe), or AP (Armed Forces Pacific) as appropriate for the military overseas post office.	
	N403	**116**	**Postal Code**	**O ID 3/15**
			Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	
	N404	**26**	**Country Code**	**O ID 2/3**
			Code identifying the country	
			Cite the two position ISO 3166 country code.	
Not Used	**N405**	**309**	**Location Qualifier**	**X ID 1/2**
			Code identifying type of location	
Not Used	**N406**	**310**	**Location Identifier**	**O AN 1/30**
			Code which identifies a specific location	

	Segment:	**QTY** Quantity
	Position:	375
	Loop:	N1 Optional
	Level:	Detail
	Usage:	Optional
	Max Use:	>1
	Purpose:	To specify quantity information
	Syntax Notes:	**1** At least one of QTY02 or QTY04 is required.
		2 Only one of QTY02 or QTY04 may be present.
	Semantic Notes:	**1** QTY04 is used when the quantity is non-numeric.
	Comments:	
	Notes:	*Use in conjunction with the 2/N1/340 segment, N101 code ST, when the contract deliverable is data, a report, or similar intangible product that is to be distributed, to identify the quantity of regular, draft or reproducible copies required.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	QTY01	673	**Quantity Qualifier**	**M ID 2/2**

Code specifying the type of quantity

52   Number of Originals

Use in conjunction with the 2/N1/340 segment, N101 code ST, to indicate regular copies.

K6   Drafts

Use in conjunction with the 2/N1/340 segment, N101 code ST.

KF   Duplicates

Use in conjunction with the 2/N1/340 segment, N101 code ST, to indicate reproducible copies.

	Ref. Des.	Data Element	Name	Attributes
	QTY02	380	**Quantity**	**X R 1/15**

Numeric value of quantity

	Ref. Des.	Data Element	Name	Attributes
Not Used	QTY03	C001	**Composite Unit of Measure**	**O**

To identify a composite unit of measure (See Figures Appendix for examples of use)

	Ref. Des.	Data Element	Name	Attributes
Not Used	C00101	355	**Unit or Basis for Measurement Code**	**M ID 2/2**

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

	Ref. Des.	Data Element	Name	Attributes
Not Used	C00102	1018	**Exponent**	**O R 1/15**

Power to which a unit is raised

	Ref. Des.	Data Element	Name	Attributes
Not Used	C00103	649	**Multiplier**	**O R 1/10**

Value to be used as a multiplier to obtain a new value

	Ref. Des.	Data Element	Name	Attributes
Not Used	C00104	355	**Unit or Basis for Measurement Code**	**O ID 2/2**

Code specifying the units in which a value is being expressed, or manner

			in which a measurement has been taken			
Not Used	C00105	1018	**Exponent**	**O**	**R**	**1/15**
			Power to which a unit is raised			
Not Used	C00106	649	**Multiplier**	**O**	**R**	**1/10**
			Value to be used as a multiplier to obtain a new value			
Not Used	C00107	355	**Unit or Basis for Measurement Code**	**O**	**ID**	**2/2**
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken			
Not Used	C00108	1018	**Exponent**	**O**	**R**	**1/15**
			Power to which a unit is raised			
Not Used	C00109	649	**Multiplier**	**O**	**R**	**1/10**
			Value to be used as a multiplier to obtain a new value			
Not Used	C00110	355	**Unit or Basis for Measurement Code**	**O**	**ID**	**2/2**
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken			
Not Used	C00111	1018	**Exponent**	**O**	**R**	**1/15**
			Power to which a unit is raised			
Not Used	C00112	649	**Multiplier**	**O**	**R**	**1/10**
			Value to be used as a multiplier to obtain a new value			
Not Used	C00113	355	**Unit or Basis for Measurement Code**	**O**	**ID**	**2/2**
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken			
Not Used	C00114	1018	**Exponent**	**O**	**R**	**1/15**
			Power to which a unit is raised			
Not Used	C00115	649	**Multiplier**	**O**	**R**	**1/10**
			Value to be used as a multiplier to obtain a new value			
Not Used	QTY04	61	**Free-Form Message**	**X**	**AN**	**1/30**
			Free-form information			

Segment:	**PER** Administrative Communications Contact	
Position:	390	
Loop:	N1 Optional	
Level:	Detail	
Usage:	Optional	
Max Use:	3	
Purpose:	To identify a person or office to whom administrative communications should be directed	
Syntax Notes:	1 If either PER03 or PER04 is present, then the other is required.	
	2 If either PER05 or PER06 is present, then the other is required.	
	3 If either PER07 or PER08 is present, then the other is required.	
Semantic Notes:		
Comments:		
Notes:	*Use this segment to provide communications contacts associated with the entities cited in the same N1 loop.*	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	**PER01**	**366**	**Contact Function Code**	**M ID 2/2**

Code identifying the major duty or responsibility of the person or group named

Use to identify communication numbers of parties associated with an address in this N1 loop.

AV   Advisor

Use in conjunction with the 2/N1/340 segment, N101 code KG, to indicate the government party who will work with the eventual contractor on basic R&D efforts in a particular science area.

CD   Contract Contact

Use in conjunction with the 2/N1/340 segment, N101 code 7D, to indicate the Contracting Officer's Representative.

HM   Hazardous Material Contact

Use in conjunction with the 2/N1/340 segment, N101 code 7G.

IC   Information Contact

Use with an applicable N101 code to indicate an information point of contact when no other code applies.

KC   Accepting Official

Use in conjunction with the 2/N1/340 segment, N101 code ST to indicate the accepting official at destination.

		NT	Notification Contact	

Use in conjunction with the 2/N1/340 segment, N101 code ST, to indicate the party to be contacted for shipping instructions.

		PP	Program Manager	

1. Includes the Grants Project Officer

2. Use in conjunction with the 2/N1/340 segment, N101 code KG.

		RE	Receiving Contact	

Use in conjunction with the 2/N1/340 segment, N101 is code ST and the 2/CSH/142 segment, CSH07 code NC, to indicate the party to be contacted to schedule a shipment.

PER02　93　**Name**　　　　　　　　　　　　　**O**　**AN 1/60**

Free-form name

Use to identify the name of a point of contact. Last name followed by first name is preferred. If the whole name is longer than 35 characters, the use of initials for the first name is recommended. PER09 may be used to cite the party's title.

PER03　365　**Communication Number Qualifier**　　　**X**　**ID 2/2**

Code identifying the type of communication number

　TE　　　　Telephone

PER04　364　**Communication Number**　　　　　　**X**　**AN 1/80**

Complete communications number including country or area code when applicable

The telephone number shall be transmitted as a continuous number with no extraneous characters. Include the country code and area code. If an extension applies to the telephone number, concatenate the letter X plus the extension at the end of the number, e.g., 17035551212X123.

PER05　365　**Communication Number Qualifier**　　　**X**　**ID 2/2**

Code identifying the type of communication number

　FX　　　　Facsimile

PER06　364　**Communication Number**　　　　　　**X**　**AN 1/80**

Complete communications number including country or area code when applicable

The fax number shall be transmitted as a continuous number with no extraneous characters. Include the country code and area code.

PER07　365　**Communication Number Qualifier**　　　**X**　**ID 2/2**

Code identifying the type of communication number

　EM　　　　Electronic Mail

PER08　364　**Communication Number**　　　　　　**X**　**AN 1/80**

Complete communications number including country or area code when

applicable

PER09	**443**	**Contact Inquiry Reference**	**O**	**AN 1/20**

Additional reference number or description to clarify a contact number

Use, if necessary, to provide an office symbol or the title of the party cited in PER02.

Segment:	**SCH** Line Item Schedule	
Position:	405	
Loop:	N1 Optional	
Level:	Detail	
Usage:	Optional	
Max Use:	200	
Purpose:	To specify the data for scheduling a specific line-item	
Syntax Notes:	1	If SCH03 is present, then SCH04 is required.
	2	If SCH08 is present, then at least one of SCH09 or SCH10 is required.
	3	If SCH09 is present, then SCH08 is required.
	4	If SCH10 is present, then SCH08 is required.
Semantic Notes:	1	SCH12 is the schedule identification.
Comments:	1	SCH05 specifies the interpretation to be used for SCH06 and SCH07.
Notes:	*Use this segment to identify a partial delivery when it can be specified as an actual date and is applicable to a named entity.*	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
Must Use	**SCH01**	**380**	**Quantity**	**M**	**R**	**1/15**
			Numeric value of quantity			
Must Use	**SCH02**	**355**	**Unit or Basis for Measurement Code**	**M**	**ID**	**2/2**
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken			
			1. Use any code other than code ZZ.			
			2. An application program conversion table may be required to convert agency codes to ASC X12 codes.			
			Refer to 004010 Data Element Dictionary for acceptable code values.			
Not Used	**SCH03**	**98**	**Entity Identifier Code**	**O**	**ID**	**2/3**
			Code identifying an organizational entity, a physical location, property or an individual			
Not Used	**SCH04**	**93**	**Name**	**X**	**AN**	**1/60**
			Free-form name			
Must Use	**SCH05**	**374**	**Date/Time Qualifier**	**M**	**ID**	**3/3**
			Code specifying type of date or time, or both date and time			
		996	Required Delivery			
			A date on which or before, ordered goods or services must be delivered			
			Use in conjunction with the 2/N1/340 segment, N101 code ST, to indicate delivery is required on or before the specified date.			
Must Use	**SCH06**	**373**	**Date**	**M**	**DT**	**8/8**
			Date expressed as CCYYMMDD			

| Not Used | SCH07 | 337 | **Time** | **O** | **TM 4/8** |

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

| Not Used | SCH08 | 374 | **Date/Time Qualifier** | **X** | **ID 3/3** |

Code specifying type of date or time, or both date and time

| Not Used | SCH09 | 373 | **Date** | **X** | **DT 8/8** |

Date expressed as CCYYMMDD

| Not Used | SCH10 | 337 | **Time** | **X** | **TM 4/8** |

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

| Not Used | SCH11 | 326 | **Request Reference Number** | **O** | **AN 1/45** |

Reference number or RFQ number to use to identify a particular transaction set and query (additional reference number or description which can be used with contract number)

| Not Used | SCH12 | 350 | **Assigned Identification** | **O** | **AN 1/20** |

Alphanumeric characters assigned for differentiation within a transaction set

Segment:	**LDT** Lead Time	
Position:	470	
Loop:	LDT	Optional
Level:	Detail	
Usage:	Optional	
Max Use:	1	
Purpose:	To specify lead time for availability of products and services	
Syntax Notes:		
Semantic Notes:	**1** LDT04 is the effective date of lead time information.	
Comments:	**1** LDT02 is the quantity of unit of time periods.	
Notes:	*Use this loop if the delivery schedule is expressed as a lead time and can consist of one or more deliveries to a single ship-to addressee. This segment should only be used by applications that cannot SUBCLIN deliveries.*	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	LDT01	345	**Lead Time Code**	M ID 2/2
			Code indicating the time range	
			AY From Date of Award to Date of Delivery	
			Use in conjunction with the 2/N1/340 segment, N101 code ST.	
Must Use	LDT02	380	**Quantity**	M R 1/15
			Numeric value of quantity	
Must Use	LDT03	344	**Unit of Time Period or Interval**	M ID 2/2
			Code indicating the time period or interval	
			DA Calendar Days	
			MO Month	
Not Used	LDT04	373	**Date**	O DT 8/8
			Date expressed as CCYYMMDD	

<table>
<tr><td align="right">Segment:</td><td>QTY Quantity</td></tr>
<tr><td align="right">Position:</td><td>490</td></tr>
<tr><td align="right">Loop:</td><td>LDT   Optional</td></tr>
<tr><td align="right">Level:</td><td>Detail</td></tr>
<tr><td align="right">Usage:</td><td>Optional</td></tr>
<tr><td align="right">Max Use:</td><td>5</td></tr>
<tr><td align="right">Purpose:</td><td>To specify quantity information</td></tr>
<tr><td align="right">Syntax Notes:</td><td>1   At least one of QTY02 or QTY04 is required.</td></tr>
<tr><td></td><td>2   Only one of QTY02 or QTY04 may be present.</td></tr>
<tr><td align="right">Semantic Notes:</td><td>1   QTY04 is used when the quantity is non-numeric.</td></tr>
<tr><td align="right">Comments:</td><td></td></tr>
<tr><td align="right">Notes:</td><td>Use this segment to specify the quantity of the item that is to be delivered in accordance with a lead time.</td></tr>
</table>

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	QTY01	673	**Quantity Qualifier**	M ID 2/2

Code specifying the type of quantity

    1J   Due

                The amount due to the customer

Use to indicate the quantity to be delivered.

	Ref. Des.	Data Element	Name	Attributes
	QTY02	380	**Quantity**	X R 1/15

Numeric value of quantity

	Ref. Des.	Data Element	Name	Attributes
Must Use	QTY03	C001	**Composite Unit of Measure**	O

To identify a composite unit of measure (See Figures Appendix for examples of use)

	Ref. Des.	Data Element	Name	Attributes
Must Use	C00101	355	**Unit or Basis for Measurement Code**	M ID 2/2

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

1. Use any code other than code ZZ.

2. An application program conversion table may be required to convert agency codes to ASC X12 codes.

Refer to 004010 Data Element Dictionary for acceptable code values.

	Ref. Des.	Data Element	Name	Attributes
Not Used	C00102	1018	**Exponent**	O R 1/15

Power to which a unit is raised

	Ref. Des.	Data Element	Name	Attributes
Not Used	C00103	649	**Multiplier**	O R 1/10

Value to be used as a multiplier to obtain a new value

	Ref. Des.	Data Element	Name	Attributes
Not Used	C00104	355	**Unit or Basis for Measurement Code**	O ID 2/2

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

	Ref. Des.	Data Element	Name	Attributes
Not Used	C00105	1018	**Exponent**	O R 1/15

Power to which a unit is raised

| Not Used | C00106 | 649 | **Multiplier** | **O** | **R 1/10** |

Value to be used as a multiplier to obtain a new value

| Not Used | C00107 | 355 | **Unit or Basis for Measurement Code** | **O** | **ID 2/2** |

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

| Not Used | C00108 | 1018 | **Exponent** | **O** | **R 1/15** |

Power to which a unit is raised

| Not Used | C00109 | 649 | **Multiplier** | **O** | **R 1/10** |

Value to be used as a multiplier to obtain a new value

| Not Used | C00110 | 355 | **Unit or Basis for Measurement Code** | **O** | **ID 2/2** |

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

| Not Used | C00111 | 1018 | **Exponent** | **O** | **R 1/15** |

Power to which a unit is raised

| Not Used | C00112 | 649 | **Multiplier** | **O** | **R 1/10** |

Value to be used as a multiplier to obtain a new value

| Not Used | C00113 | 355 | **Unit or Basis for Measurement Code** | **O** | **ID 2/2** |

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

| Not Used | C00114 | 1018 | **Exponent** | **O** | **R 1/15** |

Power to which a unit is raised

| Not Used | C00115 | 649 | **Multiplier** | **O** | **R 1/10** |

Value to be used as a multiplier to obtain a new value

| Not Used | QTY04 | 61 | **Free-Form Message** | **X** | **AN 1/30** |

Free-form information

Segment:	**PCT** Percent Amounts
Position:	510
Loop:	PCT Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To qualify percent amounts and supply percent amounts
Syntax Notes:	
Semantic Notes:	
Comments:	
Notes:	*1. Use this segment to carry percentages, other than those associated with a pricing arrangement, that apply to a specific line item. Use the 1/PCT/610 segment if the percentages apply to all of the line item.*
	2. Codes used in PCT01 at this location may not be used in the 1/PCT/610 segment.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	PCT01	1004	**Percent Qualifier**	M ID 1/2

Code to qualify percent

CR   Contractor Share Ratio

Use to indicate the proposed Contractor's portion of the target cost associated with an award instrument pricing arrangement.

CS   Customer Share Ratio

Use to indicate the proposed Government's portion of the target cost associated with an award instrument pricing arrangement.

KA   Variation in Quantity Over

The percent over a stated quantity in an order or line item on a contract, which the buyer agrees to accept and pay for, if delivered in an acceptable condition

KB   Variation in Quantity Under

The percent under a stated quantity in an order or line item on a contract, which will constitute an acceptable performance, if less than the stated quantity delivered

LM   Limit

Use to indicate the percentage of the replacement price above which repair/overhaul of the item identified in the PO1 segment is not cost effective. The replacement price is specified in the 2/CTP/040 segment.

			OP	Option Percentage	

Use to indicate the percent of the firm quantity that applies to the option quantity.

Must Use   **PCT02**   **954**   **Percent**   **M R 1/10**

Percentage expressed as a decimal

Cite 4.25% as .0425; cite 3% as .03 (note: leading and trailing zeros are suppressed).

Segment:	**CTT** Transaction Totals			
Position:	010			
Loop:				
Level:	Summary			
Usage:	Optional			
Max Use:	1			
Purpose:	To transmit a hash total for a specific element in the transaction set			
Syntax Notes:	1	If either CTT03 or CTT04 is present, then the other is required.		
	2	If either CTT05 or CTT06 is present, then the other is required.		
Semantic Notes:				
Comments:	1	This segment is intended to provide hash totals to validate transaction completeness and correctness.		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	CTT01	354	**Number of Line Items**	M N0 1/6

Total number of line items in the transaction set

Use to identify the number of PO1 segments contained in this transaction set.

	CTT02	347	**Hash Total**	O R 1/10

Sum of values of the specified data element. All values in the data element will be summed without regard to decimal points (explicit or implicit) or signs. Truncation will occur on the left most digits if the sum is greater than the maximum size of the hash total of the data element. Example: -.0018 First occurrence of value being hashed. .18 Second occurrence of value being hashed. 1.8 Third occurrence of value being hashed. 18.01 Fourth occurrence of value being hashed. --------- 1855 Hash total prior to truncation. 855 Hash total after truncation to three-digit field.

This is the sum of the quantities (PO102) for all of the PO1 segments.

Not Used	CTT03	81	**Weight**	X R 1/10

Numeric value of weight

Not Used	CTT04	355	**Unit or Basis for Measurement Code**	X ID 2/2

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

Not Used	CTT05	183	**Volume**	X R 1/8

Value of volumetric measure

Not Used	CTT06	355	**Unit or Basis for Measurement Code**	X ID 2/2

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

Not Used	CTT07	352	**Description**	O AN 1/80

A free-form description to clarify the related data elements and their content

Segment:	**SE** **Transaction Set Trailer**		

Position: 020
Loop:
Level: Summary
Usage: Mandatory
Max Use: 1
Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)
Syntax Notes:
Semantic Notes:
Comments: 1 SE is the last segment of each transaction set.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	SE01	96	**Number of Included Segments**	M N0 1/10
			Total number of segments included in a transaction set including ST and SE segments	
Must Use	SE02	329	**Transaction Set Control Number**	M AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	
			Enter the same number carried in ST02.	